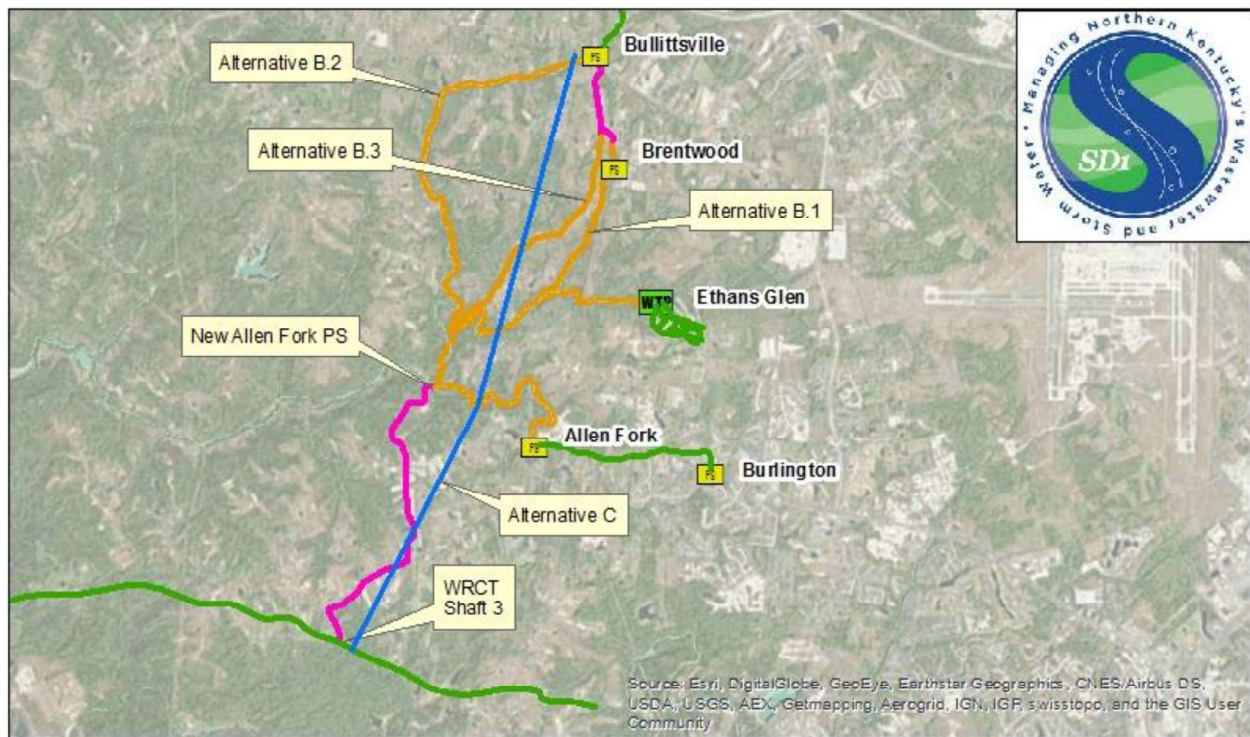




Bullittsville Pump Station Flow Routing Business Case Evaluation

Final Report
Hazen Project No. 50031-P06-200
March 2017

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Executive Summary

Objectives

Bullittsville Pump Station (PS), which pumps to Taylorsport PS, has inadequate capacity for current peak tributary flow, which contributes to a recurring sanitary sewer overflow (SSO) in the upstream trunk sewer. SD1's Watershed Plans call for an upgrade of Bullittsville PS, a new force main (FM) along the existing alignment, and upgrades to the receiving Tanner Road gravity sewer. However, increasing pumped flow from Bullittsville PS to Tanner Road would significantly accelerate the need for upgrades at Taylorsport PS.

Allen Fork PS also has inadequate capacity to convey projected peak tributary flow once approved development builds out. The long-term plan for Allen Fork PS in the Watershed Plans is to eliminate this pump station and redirect the flow directly to the Western Regional Conveyance Tunnel (WRCT) via a new PS and FM, thereby diverting the flow away from Burlington PS.

Due to the proximity of these facilities to each other, alternative concepts (shown in Figure ES-1) to redirect flow from Bullittsville PS to the WRCT (instead of to Taylorsport PS) and to integrate the long-term improvements for both Bullittsville PS and Allen Fork PS have been proposed.

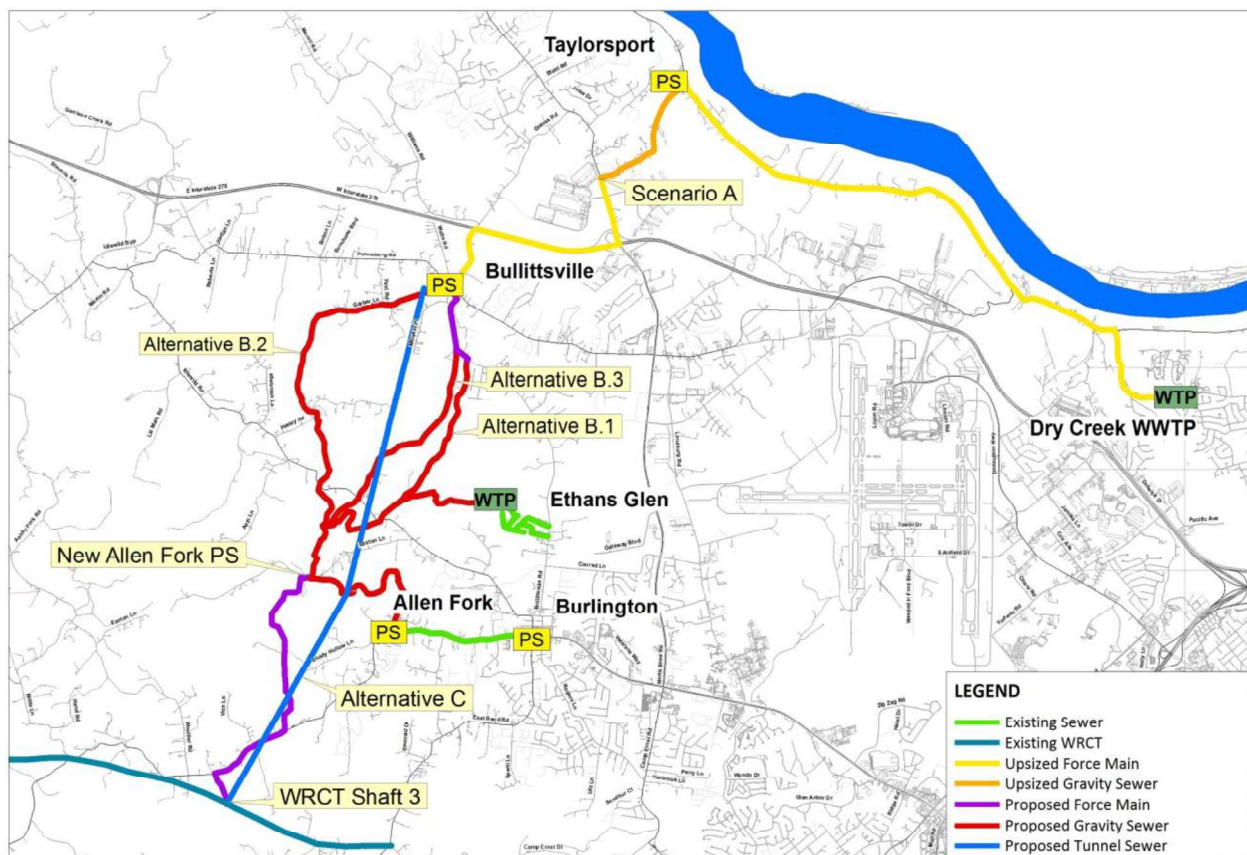


Figure ES-1: Overall Project Area (Scenarios A, B, and C)

Thus, before proceeding with design of any improvements to address capacity issues at Bullittsville and Allen Fork PSs, SD1 decided to investigate the various alternatives in order to reduce construction costs, delay expenditures to the extent practicable, reduce lift-cycle costs (LCCs), and offer other benefits.

The purposes of this business case evaluation (BCE) are to evaluate feasible alternatives to address existing SSOs and planned growth and to recommend a preferred alternative and path forward for Bullittsville and Allen Fork PSs that adequately conveys flows from the 2-year, 6-hour design storm. This BCE considers the following three scenarios and alternatives within each scenario:

Scenario A – Upgrade Bullittsville PS to continue pumping to Taylorsport PS

Under Scenario A, Bullittsville PS would continue to pump to Taylorsport PS via the Tanner Road sewer. A new Bullittsville PS with firm capacity of 7.0 mgd would be constructed, and the existing 12-inch FM would be replaced with a 20-inch FM. This would require upsizing an additional 2,830 feet of sewer along Tanner Road (in addition to the improvements currently being designed). Taylorsport PS would be upsized from its current firm capacity of 9.0 mgd to a firm capacity of 17.6 mgd. The following alternatives for Taylorsport PS were evaluated:

- **Alternative A.1:** Upsize the station to 17.6 mgd and construct a complete replacement of the existing 24-inch FM with a 30-inch FM.
- **Alternative A.2:** Upsize the station to 17.6 mgd and construct a separate, parallel 24-inch FM.
- **Alternative A.3:** Limit station capacity to 13.25 mgd and construct 550,000 gallons of equalization (EQ) storage, including an EQ pump station to dewater the storage tank.

Scenario A also includes routing of flow from the existing Allen Fork PS through a new 24-inch gravity sewer to a new, relocated, 5.23-mgd Allen Fork PS and FM that would convey the flow to Shaft 3 on the WRCT. The existing trunk sewer tributary to the existing Allen Fork PS will also need to be upsized.

Scenario B – Redirect Bullittsville PS flow to the WRCT via the proposed replacement Allen Fork PS

Scenario B would reroute all flow from Bullittsville PS to the WRCT via the new Allen Fork PS, using one of the following alternatives:

- **Alternative B.1:** This alternative was ruled out as infeasible.
- **Alternative B.2:** Eliminate Bullittsville PS with a 24-inch gravity sewer along the west branch of Woolper Creek to the site of the new Allen Fork PS.
- **Alternative B.3:** Construct a new 7.0-mgd Bullittsville PS, new 20-inch FM, and new 24-inch gravity sewer to convey flow to the new Allen Fork PS.

This would free up capacity in the Tanner Road sewer and Taylorsport PS, reducing, but not eliminating, those upgrade needs. After the improvements that are in design, only one additional span (420 feet) of sewer along Tanner Road would need to be upsized for this alternative. Only pump replacement and

minor electrical upgrades would be needed at Taylorsport PS (by approximately 2035) to achieve the required 10.8 mgd capacity.

The new Allen Fork PS would have a capacity of 12.2 mgd under Scenario B, but the tributary gravity sewer improvements would be the same as in Scenario A.

Scenario C – Redirect Bullittsville PS flow and Allen Fork flow to the WRCT via a proposed tunnel sewer

Scenario C would reroute all flow from Bullittsville PS and Allen Fork PS to the WRCT via a new tunnel sewer, which would connect into the existing WRCT at Shaft 3. Identical to Scenario B, this would free up capacity in the Tanner Road sewer and Taylorsport PS, requiring the same improvements to those facilities as Scenario B. A tunnel entrance shaft west of Bullittsville PS and a sewer redirecting the flow from Bullittsville PS would be constructed. A second entrance shaft would be included near the proposed location of the new Allen Fork PS described in Scenarios A and B to receive redirected flows from Allen Fork PS; however, the Allen Fork PS would not be needed in Scenario C. A third shaft would be required near the tunnel terminus for retrieval of the tunneling equipment.

Initial Improvements Common to All Alternatives

Regardless of which scenario is selected, initial improvements to Bullittsville PS, Allen Fork PS, and Burlington PS are needed as soon as practicable to reduce existing SSOs and provide capacity for planned development, for which reserved capacity has already been approved. These initial improvements, which would accommodate flows of 3.55 mgd to Bullittsville PS and at least 4.6 mgd to Allen Fork PS, would delay the need for more extensive improvements by approximately seven to eight (7 – 8) years. Therefore, it is recommended that SD1 begin design and commence construction of these improvements as soon as practicable. The estimated capital costs for these initial improvements are \$5.0 million for Bullittsville improvements and \$3.8 million for Allen Fork and Burlington improvements.

Alternatives' Costs

Table ES-1 presents estimated costs for each alternative, including the initial and other common improvements.

Table ES-1: Summary of Alternatives' Costs

	Bullittsville PS to Taylorsport PS			Bullittsville PS to WRCT			
	Alt. A.1	Alt. A.2	Alt. A.3	Alt. B.1	Alt. B.2	Alt. B.3	Alt C
35-YR Capital Cost	\$97,100,000	\$94,200,000	\$69,600,000	\$ -	\$73,200,000	\$75,700,000	\$127,900,000
35-YR Energy Cost	\$7,000,000	\$6,700,000	\$7,800,000	\$ -	\$6,000,000	\$6,600,000	\$4,100,000
35-YR O&M Cost	\$3,500,000	\$3,500,000	\$3,700,000	\$ -	\$3,100,000	\$3,500,000	\$2,200,000
35-YR Odor Control Cost	\$15,100,000	\$15,100,000	\$15,100,000	\$ -	\$13,800,000	\$13,900,000	\$11,700,000
35-YR LCC, NPV (n=2.8%)	\$87,300,000	\$85,400,000	\$71,500,000	\$ -	\$72,600,000	\$75,000,000	\$110,700,000

Conclusions

The estimated capital and net present value (NPV) costs of Alternatives A.3, B.2, and B.3 are within 5% of each other. However, Alternatives A.1, A.2, and C costs are significantly higher than the other alternatives and were ruled out. Thus, although Alternatives A.1 and A.2 are most consistent with the Watershed Plans, these are not cost-effective and are not recommended; neither is Alternative C. Alternatives A.3, B.2, and B.3 are considered to be feasible, cost-effective alternatives. A comparison of various quantities and values for each of these alternatives and the favorability of each is presented in Table ES-2 to help better compare the alternatives.

Table ES-2: Comparison of Cost-effective Alternatives

Alternative	Major Creek Crossings	Minor Creek Crossings	Length Within 50' of Major Creek (lin. ft.)	Length with Depth >15' (lin. ft.)	Length Impacting Mature Trees (lin. ft.)	New Easements Required	Length within Road ROW (lin. ft.)*	Length Under Pavement (lin. ft.)	Major Road Crossings	Length within Farmland (lin. ft.)***	Water Main Crossings
A.3	12	13	11,100	2,600	16,100	10	24,100	12,500	5**	7,500	2
B.2	15	34	26,800	9,300	20,100	31	11,500	8,100	5	7,500	10
B.3	12	19	10,400	5,700	13,900	16	11,000	10,900	7	10,100	6

Notes:

Green shading = favorable; yellow shading = moderate; red shading = unfavorable.

* Installation within road right of way has pros and cons, so favorability of installation in ROW is debatable.

** Alternative A.3 major road crossings include I-275 and North Bend Road.

*** Installation within farmland has pros and cons (e.g. when compared to installation in road ROW), so favorability of shorter lengths in farmland is debatable.

Alternatives A.3 and B.2 appear to be slightly less expensive than the other cost-effective alternative. Also, Alternative B.2 offers the ability to serve additional areas in Boone County south of I-275 that currently are not expected to develop by 2050. However, the sizing and costs of improvements presented in this BCE do not provide for capacity to serve these additional areas. Alternative B.3 seems to offer the

most non-cost advantages and fewest disadvantages at a comparable cost, with the highest potential flexibility to reduce costs during design.

Wastewater treatment costs at Dry Creek WWTP and Western Regional WRF and treatment capacities at these facilities were not evaluated in this BCE, yet the cost associated with treating wastewater from Bullittsville PS could be significantly different at these facilities. Thus, treatment costs, capacities, and related considerations may be important factors in selecting between Alternative A.3 and one of the Scenarios B alternatives (i.e., B.2 or B.3). Furthermore, projected odor control costs account for approximately 20% of the NPV of each alternative; and this BCE included only a high-level estimate of these future costs based on existing odor control costs. Thus, the relative costs of the three cost-effective alternatives could change with different assumptions regarding future odor control costs.

Table ES-3 presents a summary of the total capital costs of Alternatives A.3, B.2, and B.3, including all years used in developing the LCC analysis. Preliminary schedules and cost/budgetary outlay by year are presented for each feasible alternative in the report. The final decision of which of the three feasible, cost-effective alternatives to select should be made by SD1 after fully vetting the advantages and disadvantages of each, discussing the project with Boone County and other stakeholders, considering treatment-related costs, and more-detailed evaluation of future odor control costs for the preferred alternatives.

Table ES-3: Categorical Costs of Preferred Alternatives

	Alt. A.3	Alt. B.2	Alt. B.3
Design (Preliminary and Final)	\$9,051,000	\$9,514,000	\$9,839,000
Easement Acquisition	\$357,000	\$542,000	\$508,000
Construction Administration & Inspection	\$6,022,000	\$6,313,000	\$6,534,000
Construction	\$54,194,000	\$56,814,000	\$58,802,000
TOTAL CAPITAL COST (2016 DOLLARS)	\$69,600,000	\$73,200,000	\$75,700,000

1. Background

The Hebron area is one of the fastest developing areas in Northern Kentucky. Sanitary sewer service to this area is provided through Taylorsport Pump Station (PS), which pumps to Dry Creek Wastewater Treatment Plant (WWTP). Design is underway to address capacity issues at Sand Run PS and other portions of the collection system that serve the North Hebron area. Yet, it is projected that Taylorsport PS and other portions of the tributary collection system will reach capacity within the next five to ten years. Bullittsville PS, which pumps to Taylorsport PS, has inadequate capacity for current peak tributary flow, which contributes to a recurring sanitary sewer overflow (SSO) in the upstream trunk sewer. The Watershed Plans call for an upgrade of Bullittsville PS, a new force main (FM) along the existing alignment, and upgrades to the receiving Tanner Road gravity sewer. These upgrades would require a large financial commitment and a multi-year period for design and construction. Also, increasing pumped flow from Bullittsville PS to Taylorsport PS would accelerate the need for upgrades at Taylorsport PS.

South of the Hebron area, Allen Fork PS, which pumps to Western Regional Water Reclamation Facility (WRF) via Burlington PS and the Western Regional Conveyance Tunnel (WRCT), also has inadequate capacity to convey peak tributary flow, and there have been at least two upstream wet weather SSO events in 2016 at nearby upstream manhole 2390002. The long-term plan for Allen Fork PS in the Watershed Plans is to eliminate this pump station and redirect the flow directly to the WRCT via a new pump station, thereby diverting the flow away from Burlington PS. However, the short-term plan is to upgrade the pumps at Allen Fork and Burlington PSs, upsize portions of the Burlington FM, and construct a gravity sewer to redirect a portion of the flow currently tributary to Allen Fork PS directly into Burlington PS. These improvements also represent a multi-year design and construction period and significant financial investment.

An alternative approach that would redirect flow from Bullittsville PS to the WRCT and integrate the long-term improvements for both Bullittsville PS and Allen Fork PS has been proposed. This approach has the benefit of removing the Bullittsville PS flow from Taylorsport PS, thereby preserving capacity in Taylorsport PS for areas that are more-directly tributary to that station. Also, preliminary estimates suggested the potential for significant life-cycle cost (LCC) savings with this approach. There are also other benefits of this alternative, which are discussed herein.

2. Objectives

Before proceeding with design of improvements to address capacity issues at Bullittsville and Allen Fork PSs, SD1 desires to investigate the alternative approach for Bullittsville PS and some other options for these pump stations that might reduce construction costs, delay expenditures, reduce life-cycle costs, and/or offer other benefits. Thus, SD1 commissioned this business case evaluation (BCE) to evaluate several alternatives, both short-term and long-term, as discussed herein.

The purposes of this BCE are to evaluate feasible alternatives to address existing SSOs and planned growth and to recommend a preferred alternative and path forward for Bullittsville and Allen Fork PSs that adequately conveys flows from the 2-year, 6-hour design storm. This BCE considers the following three separate potential scenarios

- Scenario A – Upgrade Bullittsville PS to continue pumping to Taylorsport PS, and upsize Taylorsport PS and other existing infrastructure to accommodate the increased flow from Bullittsville PS. Scenario A generally replaces and/or upgrades existing infrastructure and consists of the following:
 - Upgrade or construct the following infrastructure: Tanner Road gravity sewer, Taylorsport PS and FM, and equalization (EQ) storage at Taylorsport PS.
 - Replace Bullittsville PS and FM with a larger station and FM, and continue conveying the flow to Taylorsport PS and Dry Creek WWTP.
 - Construct a new Allen Fork PS and FM to convey flow to the WRCT, new gravity sewer to convey flow to the new PS, and other capacity improvements in the Allen Fork and Burlington PSs vicinity.
 - Construct a new facility for grit removal, screening, odor control, and to drop flow into the WRCT at an existing access shaft (referred to as “drop shaft facility” herein).
- Scenario B – Redirect Bullittsville PS flow to the WRCT via the proposed replacement Allen Fork PS. Scenario B involves rerouting Bullittsville PS flow to the WRCT, thereby freeing up capacity in the Tanner Road sewer and Taylorsport PS, and consists of the following improvements:
 - Upgrade or construct the following infrastructure: Tanner Road gravity sewer, Taylorsport PS.
 - Construct gravity sewer to convey flow from Bullittsville PS to the new Allen Fork PS, and (under some alternatives), construct a new Bullittsville PS and FM to convey the flow into this new gravity sewer.
 - Construct a new Allen Fork PS and FM to convey flow to the WRCT (including the Bullittsville flow), new gravity sewer to convey flow to the new PS, and other capacity improvements in the Allen Fork and Burlington PSs vicinity.
 - Construct a new drop shaft facility for grit removal, screening, odor control, and to drop flow into the WRCT at an existing access shaft.
- Scenario C – Redirect Bullittsville PS flow and Allen Fork flow to the WRCT via a proposed tunnel sewer. Scenario C would include a drop shaft in lieu of a replacement Allen Fork PS.

- Upgrade or construct the following infrastructure: Tanner Road gravity sewer, Taylorsport PS.
- Interim capacity improvements in the Allen Fork and Burlington PSs vicinity.
- Construct gravity sewer to convey flow from Bullittsville PS and Allen Fork PS to the proposed tunnel.
- Construct new drop shaft facilities, including grit removal, screening, and odor control, to convey flow from Bullittsville PS and Allen Fork PS into the proposed tunnel.

Scenarios A and B each has multiple alternatives, whereas Scenario C is single-faceted (i.e. Scenario C includes only Alternative C). None of the alternatives considered can be fully implemented in the near-future, so intermediate steps (phasing) are necessary as part of all scenarios considered. Figure 2-1 presents the overall area and existing infrastructure considered within the three scenarios to put the multiple components of each alternative in perspective.

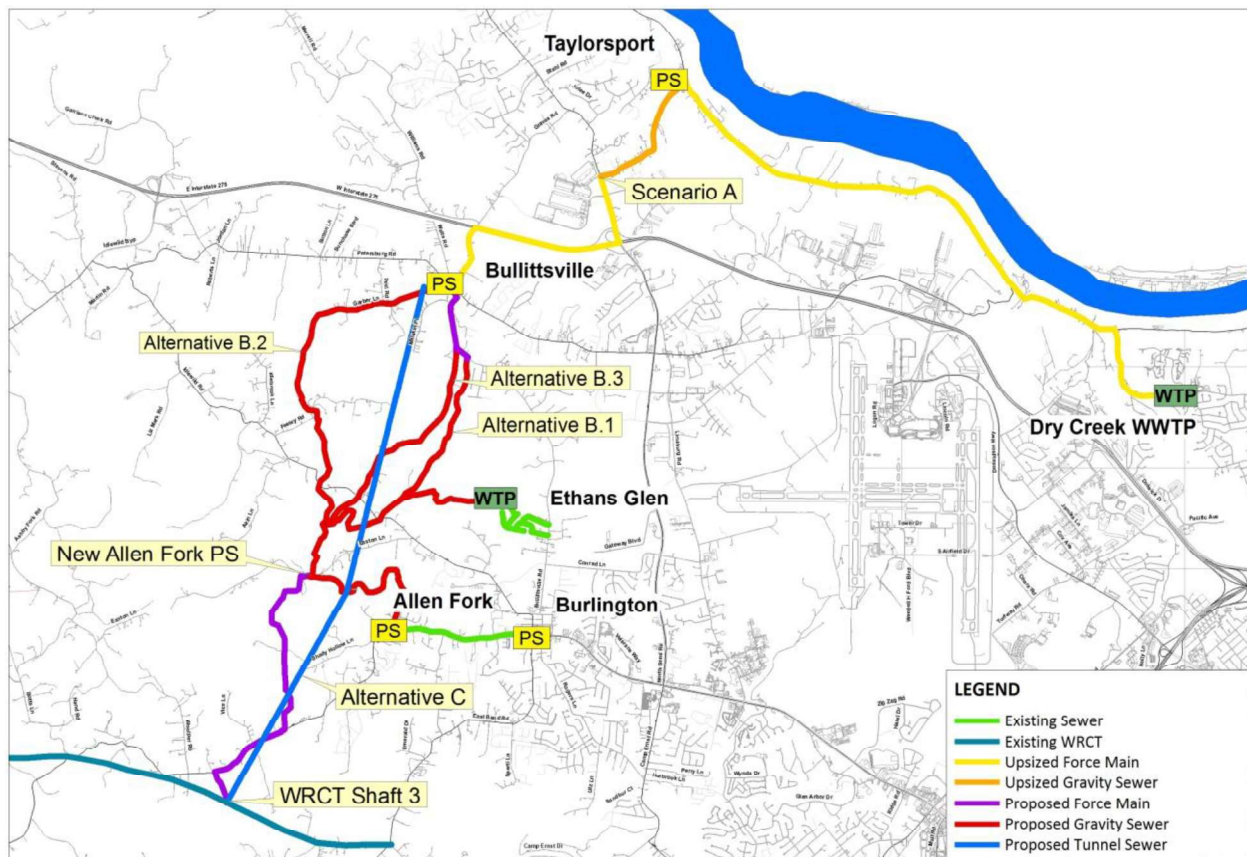


Figure 2-1: Overall Project Area (Scenarios A, B, and C)

For all alternatives, population projections from the Watershed Plans, as subsequently adjusted under other studies, have been used to project required capacities through 2050, as the basis for sizing and timing of improvements. All alternatives of each scenario were evaluated considering capital costs, life-cycle costs, construction feasibility, non-economic factors, ability to phase work, and impact on SD1 customers and residents. These factors are discussed in depth in Section 3.

The BCE also considers the small Brentwood PS and Ethans Glen WWTP, since one alternative of Scenario B has the potential to eliminate these facilities by gravity conveyance. However, this alternative (B.1) was removed from consideration during the development of the BCE as discussed in Appendix 03.

3. Alternatives Analysis

As stated above, the following three scenarios with multiple alternatives are considered herein:

- Scenario A – Upgrade Bullittsville PS to continue pumping to Taylorsport PS.
- Scenario B – Redirect Bullittsville PS flow to the WRCT via the proposed replacement Allen Fork PS.
- Scenario C – Redirect Bullittsville PS flow and Allen Fork flow to the WRCT via a proposed tunnel sewer.

Common to all scenarios is the gravity sewer to eliminate the existing Allen Fork PS. A new Allen Fork PS and FM discharging to a new drop shaft facility at the WRCT Access Shaft 3 are included in Scenarios A and B, whereas Scenario C includes a new Allen Fork Drop Shaft to the new tunnel. Scenario A results in additional improvements to Tanner Road sewer and Taylorsport PS/FM than the other scenarios, but it reduces overall gravity sewer length and minimizes the size of the new Allen Fork PS. Conversely, Scenarios B and C reduce improvements to Tanner Road sewer and Taylorsport PS/FM but require extensive gravity sewer improvements to eliminate Bullittsville PS and a larger new Allen Fork PS.

The alternatives were compared by many factors, which are outlined below. It should be noted that some of the factors used in the evaluation are not relevant for Alternative C, since a tunnel has little or no effect on surface features along its alignment. A table comparing key cost estimates is shown in Table 3-1 with a complete list in the Project Sheets within Appendix 04.

Table 3-1: Summary of Alternatives' Costs

	Bullittsville PS to Taylorsport PS			Bullittsville PS to WRCT			
	Alt. A.1	Alt. A.2	Alt. A.3	Alt. B.1	Alt. B.2	Alt. B.3	Alt C
35-YR Capital Cost	\$97,100,000	\$94,200,000	\$69,600,000	\$ -	\$73,200,000	\$75,700,000	\$127,900,000
35-YR Energy Cost	\$7,000,000	\$6,700,000	\$7,800,000	\$ -	\$6,000,000	\$6,600,000	\$4,100,000
35-YR O&M Cost	\$3,500,000	\$3,500,000	\$3,700,000	\$ -	\$3,100,000	\$3,500,000	\$2,200,000
35-YR Odor Control Cost	\$15,100,000	\$15,100,000	\$15,100,000	\$ -	\$13,800,000	\$13,900,000	\$11,700,000
35-YR LCC, NPV (n=2.8%)	\$87,300,000	\$85,400,000	\$71,500,000	\$ -	\$72,600,000	\$75,000,000	\$110,700,000

- Capital Cost: The Costing Tool was used for capital cost generation of most improvements. The tool uses unit costs from historical bid tabs inflated based on the current ENR construction cost index. Capital cost includes construction cost, preliminary study, design, construction administration, SD1's administration, and land acquisition (refer also to easements below). SD1 and Hazen have used this tool for other BCEs in the past to compare options consistently.
- Operation and Maintenance (O&M) Cost (exclusive of electricity):

- SD1 provided a database of work orders from Lucity to estimate pump station O&M costs. Comprehensive documentation of pump station work orders in Lucity began by April 2010. For existing pump stations, O&M costs were estimated by averaging yearly work order costs while excluding some large rehabilitation costs, such as pump replacements. Pump replacement is included in the life-cycle costs as separate capital expenditures based on anticipated useful service life. For proposed or upsized PSs, O&M costs were estimated by interpolating between O&M costs from existing SD1 PSs of similar size. A logarithmic relationship of O&M cost to PS average daily flow was found for PSs ranging from 0.6 mgd to 13 mgd.
- New gravity sewer O&M costs were estimated by assuming CCTV inspection and cleaning costs every ten years. Separate costs were used for on-road vs. off-road inspection and cleaning as some alignments would be difficult to access with CCTV or cleaning vehicles.
- New EQ tank O&M costs were assumed to be 1% of the capital construction cost annually, which is approximately \$8,700 for the 220,000-gallon EQ tank and \$18,500 for the 550,000-gallon EQ tank.
- New Drop Shaft Facility O&M costs were assumed to be \$15,000 per year regardless of flow based on work order costs documented in Lucity for the existing Drop Shaft 1 facility.
- Pump Stations Odor Control Cost: Odor control costs at pump stations were estimated based on Bullittsville, Allen Fork, and Taylorsport PSs odor control budget estimates for FY2017 with adjustments for changing conditions. It was assumed that pump station odor control costs would increase as improvements take place in the future for reasons such as:
 - longer and larger FMs, leading to increased retention time
 - decrease of flow leading to increased retention time
 - significant increase of flow requiring more chemical to maintain effectiveness.

However, changes to Allen Fork and Bullittsville PS amounted to a small change in the overall odor control cost, as the bulk of the total is for Taylorsport PS. For instance, of the total \$376k budgeted in FY2017 for Bioxide at the three PSs, \$314k (84%) is for Taylorsport PS. The new Allen Fork PS was assumed to have similar odor control costs as the existing Allen Fork PS with adjustments per the above criteria.

- Electrical Energy Cost: Pump station electrical energy costs were estimated in two ways. Average existing energy costs were calculated from Duke Energy and Owen Electric Cooperative billing records provided by SD1. Proposed PS energy costs were estimated based on the flow to the PS, the brake HP of the pumps, and \$0.10 per kW-hour, which is consistent with billing records. The proposed WRCT drop shaft facility energy costs were assumed to be similar to those at the existing Drop Shaft 1 facility. Energy costs for all stations and the drop shaft facility were assumed to increase proportionately with average flows.
- Net Present Value, Life-cycle Cost: A 35-year period for the LCC was selected for this BCE to match the 2050 planning year used for sizing improvements. In addition to a simple sum of all capital costs and other yearly expenditures, a net present value (NPV) value for each

alternative accounts for the time value of money by using a discount rate (accounts for both inflation and interest) and projecting capital improvement costs to be incurred in the projected year of the improvement. The annual discount rate used for this BCE was assumed to be 2.8%.

- **Major Roadway Crossings:** Using GIS and Google Maps, the number of intersections where construction could require more than just simple signs and flaggers were counted. Scenario A includes replacement of a FM under I-275 and in North Bend Road, as noted elsewhere herein.
- **Distance under Pavement:** Length of improvements under pavement were identified and accounted for due to increased cost associated with traffic control, public interaction, and restoration costs. It typically means the alignment is within a public right-of-way (ROW), but Alternative B.3 and the Allen Fork FM travel along private roads which would need both an easement and pavement restoration.
- **Utility Crossings:** A GIS shapefile of water lines in the project area was obtained from the Boone County Water District, and water line crossings were counted for the proposed alternatives. Power line crossings were counted based on GIS and Google Maps aerial imagery. A Design Ticket was submitted to Kentucky 811 with a map of the project area. The ticket was submitted to Duke Energy Electric, Duke Energy Gas, Duke Energy Gas Transmission, Insight Kentucky Partners Bowling Green Cable, and Owen Electric for locations of their underground utilities, and all five utilities responded that the project site was clear of their utilities. However, Hazen conducted a field visit of the project area, and there do appear to be existing underground utilities that would be crossed by the proposed construction.
- **Creek Crossings and Footage within 50 feet of a Creek:** Creek crossings were counted based on where proposed and existing sewers crossed “major” and “minor” creeks represented in two SD1 GIS shapefiles. Sewer construction within 50 feet of a “major” creek was also estimated from these shapefiles. Work within 50 feet of a creek can add to construction cost due to increased dewatering, sediment and erosion control, and streambank stabilization costs. Also, installation of a sewer along a creek may increase infiltration due to high groundwater in the vicinity.
- **Easements:** Using SD1’s parcel shapefile, the number of separate, new easements was counted for each option. The Costing Tool includes a field for total new easement linear footage, which was used to estimate costs associated with easement acquisition for each alternative. For Alternative C, subterranean easements may be a potential option. This is an easement that only exists at defined by vertical and horizontal dimensions around a buried tunnel at a defined depth; it does not exist on the ground surface and therefore has almost no effect on the property owner. This type of easement still requires coordination and monetary compensation to property owners but is typically less controversial and expensive than a standard surface easement.
- **Distance through Farmland:** There are several areas where alignment B.3 looks to be on a working farm. It might be possible during design to locate this sewer under a private road to avoid disturbing the farmed areas. Scheduling of construction could potentially also minimize impacts to farmland.

- **Distance Impacting Mature Trees:** Using GIS and Google Maps, the distance where large mature trees would need to be removed was quantified. In addition to increased cost to clear, haul, and dispose of cleared trees, removal of mature trees may impact public perception of the project, increases environmental impacts, and affects the local wildlife habitat.
- **Permitting Needs:** Permits would likely be required for portions of each scenario from The Kentucky Division of Water (KDOW), the U.S. Army Corps of Engineers (USACE), the Kentucky Transportation Cabinet (KYTC), the Kentucky State Historical Preservation Office (SHPO), the U.S. and Kentucky Fish and Wildlife Services (USFW and KYFWS). KDOW requires a review of plans and specifications with respect to sanitary features of design. The USACE requires a review for any work in “Waters of the United States”. Part of the USACE permits may require additional permits from USFW and KYFWS, and Northern Kentucky is home to endangered species including the Indiana Bat and Running Buffalo Clover. KYTC requires permits for any access to a road on the state highway system or work activity on the right-of-way. SHPO requires a review for any federally funded, permitted, or licensed projects in order to avoid or minimize adverse effects to properties in the National Register of Historic Places. Any of these permitting agencies may require adjustments to a recommended alternative which could increase the proposed construction costs if one of their areas of interest is adversely affected. In some cases, additional costs could be incurred to avoid or reduce assessment studies, such as contributions to the Imperiled Bat Conservation Fund (IBCF) based on potentially acreage disturbed, to offset USFW restrictions. Permitting concerns can also prolong the design and construction phases of the project(s).
- **Required Air Release Valves (ARVs):** Due to the extra maintenance effort, potential for nuisance odors, risk of leakage, risk of pipe internal corrosion (if ductile iron pipe is used), and other concerns, SD1 prefers to minimize the number of ARVs. Thus, the estimated number of ARVs required were counted for each alternative based on the anticipated force main profiles.
- **Depth Greater than 15 Feet:** Due to presence of shallow rock in Boone County (see Figure 3-1) and a potential need for non-standard heavy equipment or benching of trench excavations, the estimated length of sewer and force main below 15 feet was quantified. Construction costs for alternative alignments being constructed below 15 feet were increased accordingly, within the costing tool. For Alternative C, depth considerations for a tunnel are very different when compared to direct bury infrastructure. Therefore, Tunnel construction costs have been developed independently and not via the costing tool.
- **General Constructability:** In addition to all items listed above, the alternatives were reviewed and evaluated for their constructability based on all known factors.
- **Scheduling:** BCE alternatives considered the ability to phase or stagger the construction of improvement features and/or delay associated capital costs to be advantageous to SD1 based on actual project/development requirements. Detailed phasing of improvements was considered for the capital improvements of each alternative as shown within the Project Sheets (Appendix 04).



Figure 3-1: Scenarios B and C Lithology (UK – Kentucky Geologic Society)

3.1 Initial Improvements

Regardless of whether Scenario A, B, or C is selected, initial improvements to both Bullittsville PS and Allen Fork PS are needed as soon as practicable to reduce existing SSOs and provide capacity for planned development for which reserved capacity has already been approved. These initial improvements would delay the need for the more extensive improvements of Scenarios A, B, and C. Further discussion of existing conditions and proposed initial improvements are presented here.

3.1.1 Existing Bullittsville PS Condition

Based on field drawdown testing performed in May 2016, Bullittsville PS has a firm capacity of 570 gpm (0.82 mgd), a total capacity of 630 gpm (0.91 mgd), and velocity in the FM of only 1.0 to 1.6 ft./s.; reference Figure 3-2. This corresponds to an equivalent Hazen-Williams “C” roughness factor of only 60, which corresponds to considerable head loss and is likely due to settled solids, accumulation of grease on

the pipe wall, and/or air binding in the FM resulting from low velocities. The high head loss serves to further reduce velocity, which further exacerbates the pipe roughness. This is further evidenced by prior drawdown testing in 2008 and 2012 that indicated higher pumping capacities and equivalent “C” factors of 90 and 80, respectively—i.e. the pipe roughness has been progressively getting worse.

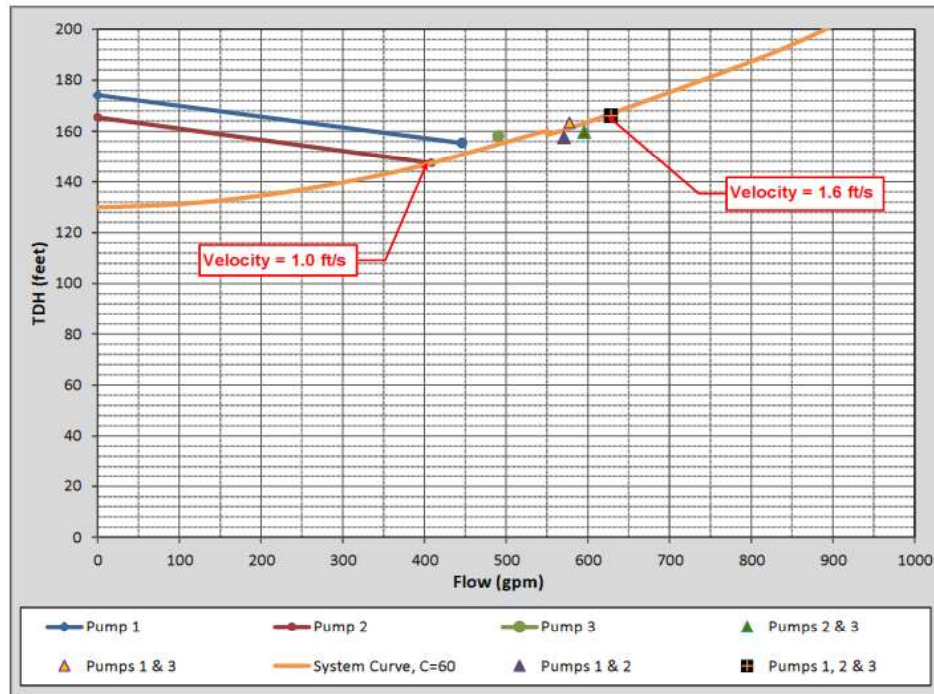


Figure 3-2: Bullittsville PS Drawdown Test Results (May 2016)

As discussed above, peak influent flows to Bullittsville PS exceed its pumping capacity, and there is a recurring SSO immediately upstream.

3.1.2 Initial Bullittsville PS and FM Upgrades

Current peak flow to Bullittsville PS would be 3.23 mgd if the upstream bottleneck in the trunk sewer were alleviated. With currently-reserved capacity, this peak increases to 3.55 mgd. Thus, initial improvements are needed to receive at least 3.55 mgd flow at Bullittsville PS. As an intermediate solution, several steps could be completed to increase the capacity of Bullittsville PS and reduce the frequency and volume of SSO occurrences. Increasing pumping capacity at Bullittsville PS would increase flow to the Tanner Road sewer. Several sections of the Tanner Road sewer are already scheduled to be upsized by the end of 2018 as part of North Hebron / Sand Run PS improvements.

Initial Bullittsville PS improvements identified are as follows:

- Construct an equalization storage tank, which would also require additional pumping equipment and controls to fill and drain the EQ storage. Preliminary modeling analysis indicates approximately 220,000 gallons of EQ storage would be sufficient, provided all other steps in these initial upgrades are completed. This would likely be an above-ground cylindrical

tank (45-ft. diameter, filled to 18.5 feet depth). For this BCE, it has been assumed that two 4-inch skid-mounted diesel pumps (including sound attenuation and block heaters for winter operation), each with 1.4 mgd capacity (allows for one pump to meet the needs of a 2-year, 6-hour design storm, with the other as backup and to supplement capacity during more intense events), would be used to fill the EQ tank during wet weather events when the pump station experiences a high wet well condition; and the tank would be drained by gravity with a modulated control valve once influent flows subside. Additional property behind the PS would be required to fit the EQ tank and pumps.

- Mechanically Pig, or Ice Pig, the FM to clean out the pipe, increase the “C” factor, and reduce head loss. Considering the large quantity of ice likely needed for ice-pigging (approximately 10 truckloads), traditional mechanical pigging may be more cost-effective for this application. Traditional mechanical pigging would require installation of a pig-launching assembly on the FM at the PS and a pig recovery facility at the end of the original force main on the west side of Northbend Road (i.e. prior to the Protecto 401-lined force main). For this BCE, it was assumed that additional pig launching and recovery facilities would be needed at 90-degree bends in the force main where the FM crosses under I-275.
- Add additional air release valves at high points where trapped air was heard during prior Sahara inspections (refer to the November 2010 report, *Pump Station Force Main and ARV Preventative Maintenance Program*).
- Install larger pumps to increase the capacity, which would also increase FM velocities to promote scouring and help keep the FM clean after pigging. The 6-inch station piping would be a limiting factor and would need to be replaced, together with a new, larger valve vault (potentially sized to accommodate future capacity needs). Electrical improvements would be necessary and it was assumed for this BCE that surge improvement would be needed for increased flow. Additional property behind the PS would likely be required to relocate the generator. If Scenario A or Alternative B.3 is selected, any additional land needs anticipated for the future PS upgrades could be obtained at the same time.

Figure 3-3 presents the potential initial upgrade at Bullittsville PS with proposed pump curves shown in Figure 3-4. This would achieve a total capacity of 3.4 mgd and a firm capacity of 3.0 mgd given the following assumptions: a new valve vault and electrical work get completed allowing three Flygt NP 3315 HT pumps to be installed and the station piping upsized to 12 inch, a 220,000-gallon EQ tank (e.g. an above-ground pre-stressed concrete tank) is constructed, the downstream Tanner Road sewer gets upsized to handle the additional flow, and the FM is successfully pigged to increase the head loss coefficient “C” to 110, which is a reasonable assumption once the pipe has been cleaned and scouring velocities are achieved and maintained. The approximate capital cost of the initial improvements would be \$5.0 million, which could allow approximately seven additional years of service (at projected growth) before additional work is needed at Bullittsville PS.

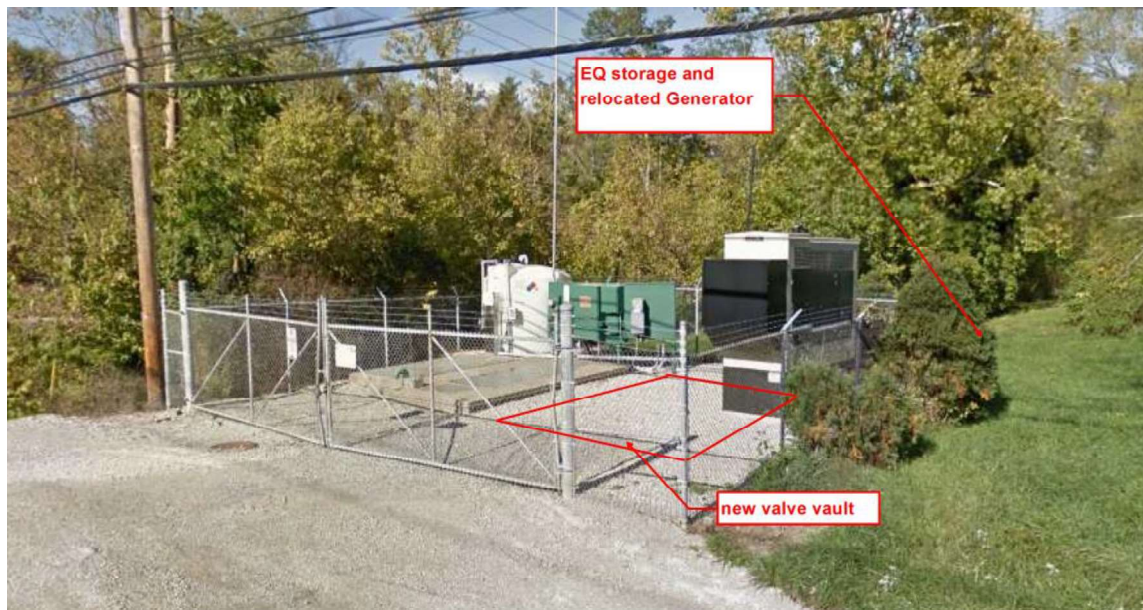


Figure 3-3: Bullittsville PS (Initial Upgrades)

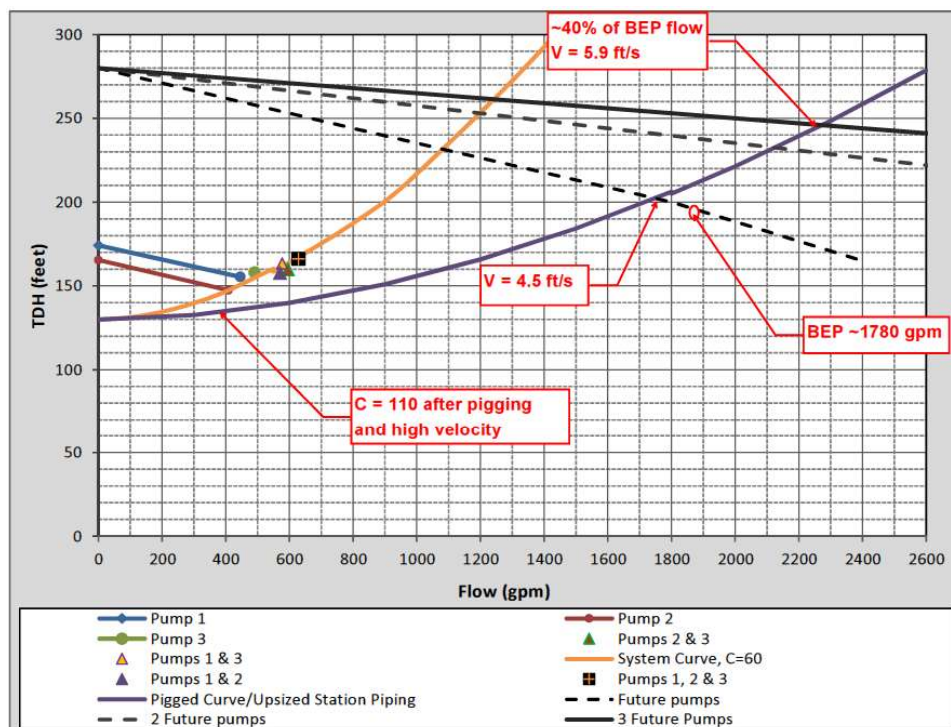


Figure 3-4: Hydraulics with Potential Initial Bullittsville PS Upgrades

3.1.3 Existing Allen Fork PS and Related Sewers Condition

Based on field drawdown testing performed in May 2016, Allen Fork PS was found to have a firm capacity of 1,760 gpm (2.53 mgd) and a total capacity of 2,290 gpm (3.30 mgd); reference Figure 3-5. Based on this, velocities in the Allen Fork FM are estimated to be between 3.2 ft./s and 5.8 ft./s. One of the pumps (Pump 3) is a different pump than the others and achieves a much higher pumping rate. The FM was found to have low head loss with an equivalent Hazen-Williams “C” factor of 115. This is very good considering the age of the pipe. A “C” factor this high typically can be found when the flow regularly achieves scouring velocity and air is not trapped in high points.

Additional information regarding current conditions at Allen Fork PS was provided by Hazen in June 2016 via a Word document named *Allen Fork Questions Joe Verst* and PowerPoint presentation named *Burlington and Allen Fork Pump Stations Summary June 2016*; reference Appendix 07. These also include recommendations for some initial Allen Fork PS upgrades, which have been incorporated into the phasing of improvements for this BCE as indicated below.

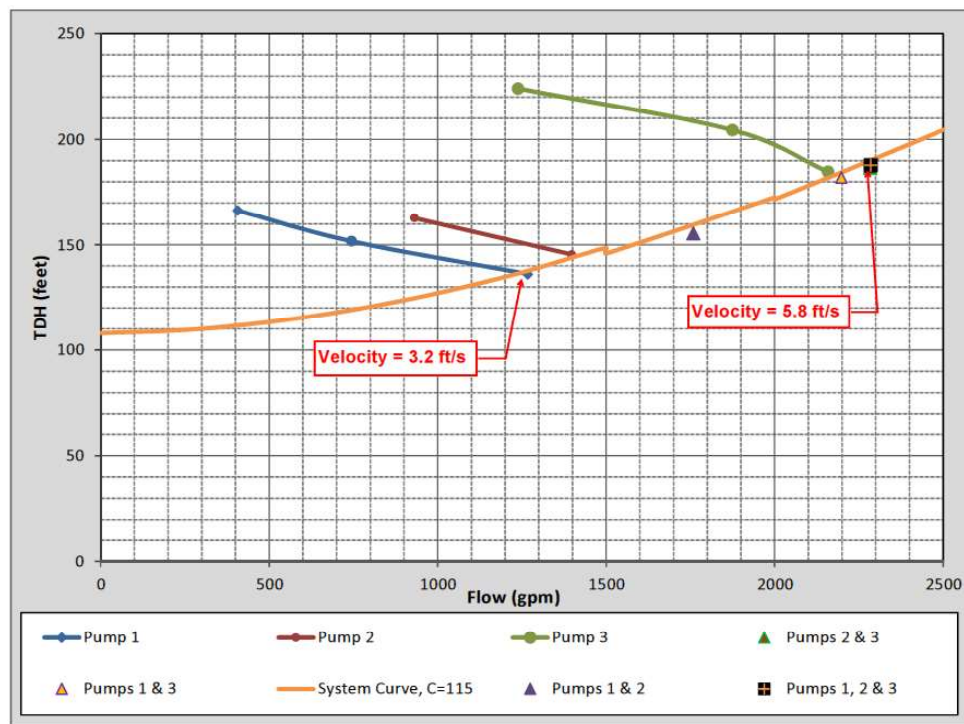


Figure 3-5: Allen Fork PS Drawdown Test Results

As discussed above, peak influent flows to Allen Fork PS exceed its pumping capacity, and there were at least two upstream wet-weather-related SSO events in 2016.

3.1.4 Initial Allen Fork PS Upgrades

Current peak flow to Allen Fork PS with currently-reserved capacity would be 4.6 mgd. Thus, significant initial improvements are needed to convey peak flows and prevent SSOs in the design storm. The Initial

Upgrades to Allen Fork PS are laid out in Appendix 07, *Burlington and Allen Fork Pump Stations Summary_June 2016* presentation. Proposed initial upgrades include:

- Upgrade pumps to 4.0 mgd capacity and related surge improvements if needed
- Construct south Burlington sewer re-route
- Upsize remaining 12-inch Burlington FM along KY18 to 24-inch diameter
- Replace the pumps at Burlington PS (optional: upsize pump discharge piping to further increase capacity)

The net effect of these Initial Upgrades is to accommodate anticipated development tributary to both Allen Fork and Burlington PSs for approximately eight to ten years, with an approximate capital cost of \$3.8 million for these initial improvements.

3.2 Scenario A - Bullittsville PS to Taylorsport PS

Under Scenario A, Bullittsville PS would continue to pump flow to Taylorsport PS via the Tanner Road sewer. By 2050, Bullittsville PS is projected to require 7.0 mgd of capacity to convey anticipated peak flow. Scenario A could be phased to incorporate the initial upgrades discussed in Section 3.1.2 above to delay the large capital expenses associated with PS and FM replacement to 7.0 mgd. These initial improvements are needed as soon as the Tanner Road sewer is capable of handling the additional flow. As stated in Section 3.1.2, these improvements could delay larger improvements by approximately seven years.

Separate from Bullittsville PS, the Allen Fork PS improvements identified in the Watershed Plan would be needed (capacity and sizing updated for this study). Thus, Scenario A includes routing of flow from the existing Allen Fork PS through a new gravity sewer (6.57 mgd capacity) to a new relocated Allen Fork PS (5.23 mgd firm capacity) and FM that would convey the flow to the WRCT as discussed in Section 3.4.

3.2.1 Bullittsville PS and FM

Bullittsville PS would be upsized to a firm capacity of 7.0 mgd to meet 2050 projected peak flow. This would result in an entirely new PS. As discussed in 3.1.2, it may be possible to reuse the valve vault and EQ storage from the initial upgrades to reduce the size and cost of the new PS. However, the entire wet well, electrical equipment, generator, etc. would require complete replacement, which would likely require the acquisition of additional land (which could potentially be obtained at the time of the initial upgrades).

PS replacement would also require the existing 12-inch FM to be replaced with a 20-inch FM. Approximately 3,000 ft. of the 13,440 ft. FM runs along Graves Road and would be relatively easy to construct, except for two creek crossings. The existing FM crosses and parallels I-275, as shown in Figure 3-6, and is partially located under the recently expanded North Bend Road. Therefore, replacing the existing FM would require a new utility crossing under I-275 and within the recently improved North Bend Road right-of-way. As another option, it may be possible to select a different route to the Tanner

Road sewer in order to avoid deep excavation along the I-275 West entrance ramp and avoid construction in North Bend Road (other than crossing at the intersection with Tanner Road), but this was not considered for this BCE.



Figure 3-6: Bullittsville FM crossing I-275

3.2.2 Tanner Road Gravity Sewer

The existing 5,770 feet of 15-in Tanner Road sewer conveys flow from Bullittsville and other PSs to Taylorsport PS. As part of the North Hebron / Sand Run PS improvements, it is anticipated that 2,880 feet of this sewer will be upsized by the end of 2018. Modeling results indicate the need for 15.4 mgd capacity to meet the 2050 projected peak flow. This would require upsizing an additional 2,830 feet of pipe (all but one section), for a total of 5,710 feet of sewer to be upgraded along Tanner Road. Table 3-2 below indicates the spans to be upgraded in each phase.

Table 3-2: Tanner Road Sewer Upsizing (Scenario A)

Upstream MH	Downstream MH	Length (feet)	Existing Size (inch)	Proposed Size (inch)
2360022	2360021	167	15	30
2360021	2360965	91	15	30
2360965	2360987	7	15	30
2360987	2360020	260	15	30
2360020	2360019	136	15	30
2360019	2360018	412	15	30
2360018	2360017	296	15	30
2360017	2360016	419	15	30
2360016	2360015	326	15	30
2360015	2360014	253	15	30
2360014	2360013	135	15	30
2360013	2360012	72	16	30
2360012	2360011	180	15	30
2360011	2360010	115	15	30
2360010	2360009	115	15	30
2360009	2360008	377	15	30
2360008	2360007	299	15	30
2360007	2360006	266	15	30
2360006	2360005	410	15	30
2360005	2360004	420	15	30
2360004	2360003	383	15	30
2360003	2360002	383	15	30
2360002	2360001	131	16	30
2360001	2360023	59	16	30

Notes:

1. The orange-shaded rows represent sewers being replaced with North Hebron / Sand Run PS Improvements. The blue-gray-shaded rows represent the additional sewer needing to be replaced in the future to convey the 2050 peak flow (15.4 mgd) with Bullittsville PS.
2. The proposed size of 30-inch assumes sewer slopes are adjusted as needed and is based on the anticipated 2050 flows. This sewer is currently being designed by others as 36-inch.

3.2.3 Taylorsport PS and FM

Under Scenario A, Taylorsport PS would continue to receive flow from Bullittsville PS and discharge to Dry Creek WWTP via the Bromley FM. Based on field drawdown testing performed in May 2016, Taylorsport PS has a firm capacity of 6,240 gpm (8.98 mgd) and a total capacity of 6,960 gpm (10.0 mgd) as shown in Figure 3-7. Two small pumps at Bromley PS were running while the drawdown testing was conducted. During drawdown testing, it was noticed that there appears to be more head loss in the FM than during previous testing in 2008. This concern was relayed to SD1 and is being addressed separately from this BCE.

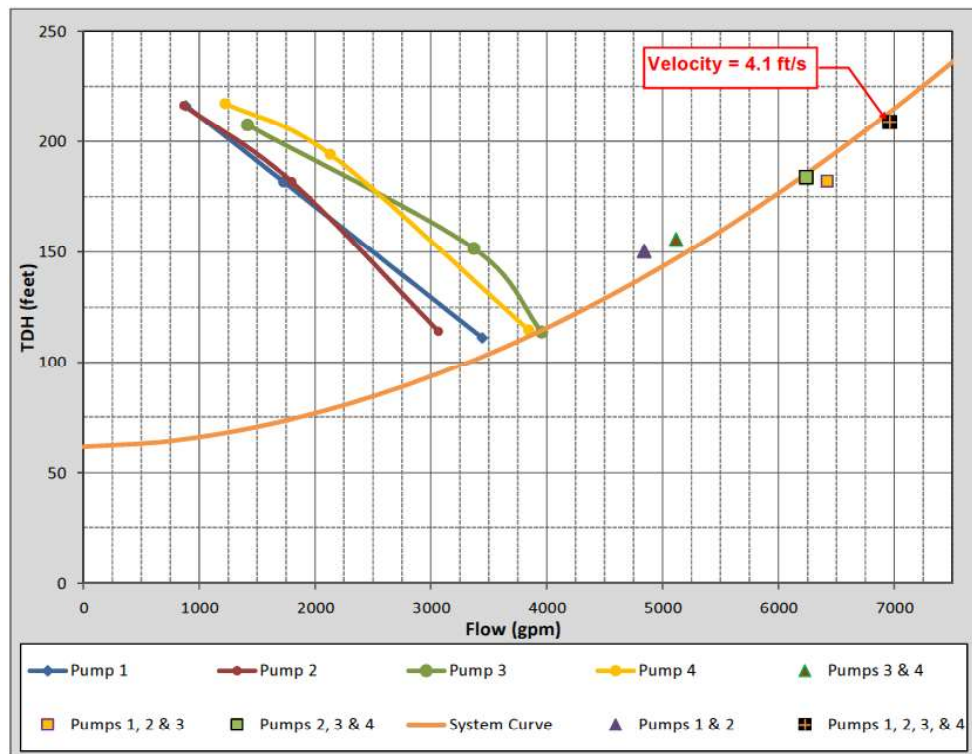


Figure 3-7: Taylorsport PS Drawdown Test Results

To meet the projected 2050 peak flow, Taylorsport PS would be upsized from its current firm capacity of 9.0 mgd to a firm capacity of 17.6 mgd. Linear interpolation of the projected flow suggests that the current 9.0 mgd will be sufficient until year 2024. The total capacity already pushes flow through the 24-inch FM at 4.1 feet per second and 210 feet of total dynamic head (TDH). The existing FM could only convey approximately 13.25 mgd (additional 4.15 mgd) without excessive velocity and head loss. Upsizing the existing Taylorsport PS to the maximum FM capacity of 13.25 mgd, which could likely be accomplished with pump replacements without upsizing the structures, would gain another 12 years before additional capacity is needed.

The following alternatives to accommodate flows over 13.25 mgd at Taylorsport PS would not be needed until approximately 2036 (based on a linear interpolation of the development projections). Scenario A would require one of the following options for the 2050 projected flows:

- **Alternative A.1:** Upsize the station to 17.6 mgd and construct a complete replacement of the 24-inch FM with a 30-inch FM.
- **Alternative A.2:** Upsize the station to 17.6 mgd and construct a separate, parallel FM. This was assumed to be 24-inch, although a 20-inch FM could potentially be used (using a 20-inch FM would require more expensive improvements at Taylorsport PS).
- **Alternative A.3:** Limit station capacity to 13.25 mgd and construct 550,000 gallons of EQ storage. This could be an 80-foot diameter tank filled to 15 feet depth. The location that looks most promising for an EQ tank is an adjacent lot, shown in Figure 3-8. The stream, trees,

slope, and nearby homes would make it difficult to locate elsewhere. Additional property behind the PS would be required. It is assumed that this EQ storage would be gravity-in, pumped-out, so an EQ pump station would be needed to empty the EQ storage tank back into Taylorsport PS.



Figure 3-8: Potential EQ Location – Taylorsport PS

Any new Taylorsport FM would continue all the way to Dry Creek WWTP and would not be connected to the Bromley FM. This would add 6,000 feet of FM and approximately 17 feet of static head, which would have to be accounted for during design. For Alternative A.2, the existing 24-inch FM would also need to be disconnected from Bromley FM and extended to Dry Creek WWTP, but that is not included in the costing within this BCE; since that cost is accounted for elsewhere in SD1's planning.

Some of the key features of Scenario A are listed below. These are quantified in Appendix 04 – Project Sheets.

- **Capital cost:** The total capital expenditures for Alternatives A.1, A.2, and A.3 are as shown in Table 3-1. This includes the initial upgrades to Bullittsville PS and Allen Fork PS, Tanner Road sewer replacement, the gravity sewer elimination of and construction of a new 5.23-mgd Allen Fork PS and FM, drop shaft facility into WRCT, upgrades to Bullittsville PS and FM, and the associated work at Taylorsport PS.
- **Odor control cost:** The odor control cost would be increased at Allen Fork, Taylorsport, and Bullittsville PSs as improvements take place over the BCE time period.
- **Net Present Value:** The NPVs are shown in Table 3-1 and Appendix 05. Where capital cost is higher than NPV, it is the result of delaying a large expenditure(s) to later in the LCC period.
- **Utility Crossings:** There are several locations where potable water mains and over-head power lines would be crossed, but nothing was identified that appears to be of major consequence.

- Easements: Construction for Alternative A.1 would take place on existing easements and no new easements are anticipated. Alternatives A.2 may require new easements for the parallel Taylorsport FM. Alternative A.3 would certainly require land acquisition/easements for the Taylorsport EQ storage and EQ PS.
- Distance through farmland – Scenario A does not have any construction through farmland.
- Permitting needs:
 - Due to most of the new sewer from Bullittsville PS to Dry Creek WWTP being constructed in place of existing sewer lines, environmental impacts as well as US and KY Fish and Wildlife Service and SHPO permitting needs are expected to be minimal. The number of creek crossings are accounted for as well as clearing of mature trees, which are much lower than for Scenario B.
 - Due to much of the construction taking place under and along major roads, several KYTC road encroachment permits would be required. Construction under I-275 may require special permitting.
- Required ARVs: Considering both Bullittsville and Taylorsport FMs, Scenario A would have a significant number of new ARVs. However, all of these new ARVs would be replacing existing ARVs except for 18 that are part of the parallel Taylorsport FM included in Alternative A.2. Thus, Alternatives A.1 and A.3 would have no net change in number of ARVs in the system.
- Depths greater than 15 feet: There would be very minimal or no pipeline construction greater than 15 feet deep with Scenario A. The FM under I-275 would be greater than 15 feet but would be installed via trenchless construction.
- Bromley FM disconnect: Construction of a new or parallel Taylorsport FM (Alternatives A.1 and A.2) would provide an opportunity to disconnect Taylorsport FM from Bromley FM and tie in to the influent sewer upstream of the new headworks at Dry Creek WWTP. This would essentially add approximately 6,000 feet of FM and 17 feet of static head. The TDH would also be higher due to additional head loss in the 6,000 feet of FM. The annual energy cost of Taylorsport PS was increased to reflect this additional TDH.
- General Constructability: Most of the construction would take place in developed areas and involve replacing existing sewer. This alternative would require more road restoration and traffic control and cause more of a public disturbance. Bore and jack or HDD construction would be required to replace the Bullittsville FM under I-275. Construction at Allen Fork PS and Taylorsport PS would be difficult due to creeks, slopes, trees, and homes.
- Scheduling / Phasing: If the Initial Bullittsville PS upgrades are completed as recommended in this BCE, the EQ storage tank and additional land acquisition could be utilized with the new Bullittsville PS. Taylorsport PS would need to be upgraded within approximately five years, Bullittsville PS and FM within seven years, and Taylorsport PS and FM again within 15 years. Appendix 04 – Project Sheet also shows proposed schedules.

3.3 Scenario B - Bullittsville PS to WRCT

Scenario B would reroute all flow from Bullittsville PS to the WRCT via the new Allen Fork PS. This would free up capacity in the Tanner Road sewer and Taylorsport PS, reducing, but not eliminating, those upgrade needs. The scope of this BCE listed two alignment options for this alternative and a third was developed during the evaluation. For the BCE, these alignment options will be referred to as Alternatives B.1, B.2, and B.3. All three of the alignment options eventually reach the site of the new Allen Fork PS near Woolper Creek and Easton Lane. Table 3-3 presents a brief summary of these alternatives, and more information is provided in Appendix 04.

The relocation of Allen Fork PS to a new location and a new PS and FM to the WRCT is the same as with Scenario A, except that the capacity would be increased to 12.23 mgd to accommodate the flow from Bullittsville PS. Section 4 discusses these Allen Fork improvements.

Table 3-3: Overview of Alignment Options

Alternative	Length (ft.)	Major Creek Crossings	Minor Creek Crossings	Within 50' of Major Creek (ft.)	Depth >15' (ft.)	Within Mature Trees (ft.)	New Easements Required	Major Road Crossings	Within ROW (ft.)	Within Farmland (ft.)	Water Main Crossing	Under Pavement (ft.)
B.1	-	-	-	-	-	-	-	-	-	-	-	-
B.2	22,200	7	24	17,000	6,700	10,000	22	2	3,400	0	8	2,000
B.3	18,400	4	9	600	3,100	3,800	7	5	2,900	4,000	6	3,300

Note: The values shown include all quantities specific to each Alignment in Alternatives B.2 and B.3. They do not include quantities that are shared (i.e. Tanner Rd. sewer or Allen Fork sewer and FM).

3.3.1 Alternative B.1

Alternative B.1 is one of the options provided in the Scope of Work for this BCE. The main advantages to Alternative B.1 is it would eliminate by gravity Brentwood PS and Ethan Glens WWTP. While this would be advantageous to SD1, the gravity sewer has multiple environmental and constructability challenges in addition to having little to no favorable payback to justify the alternative. Neither Brentwood PS nor Ethans Glen WWTP have high enough energy or O&M costs to get a return on the investment. Brentwood PS is very small PS and in good condition. A complete list of reasons that Alternative B.1 was eliminated from this evaluation was developed and presented to SD1 previously and is included in Appendix 03. SD1 approved the elimination of Alternative B.1 allowing the BCE to focus on Alternatives B.2 and B.3 as well as the alternatives of Scenario A.

3.3.2 Alternative B.2

Alternative B.2 eliminates the existing Bullittsville PS by approximately 22,200 feet of new 24-inch gravity sewer along the west branch of Woolper Creek to the site of the new Allen Fork PS. The proposed alignment and profile for Alternative B.2 are presented in Appendices 01 and 02, respectively. A big

advantage to Alternative B.2 is the complete elimination of Bullittsville PS; which eliminates the high energy and O&M costs currently being spent at Bullittsville PS and which are projected to continue increasing as the station is upgraded and flow increases. During detail design, it may be possible for smaller sewers (18-inch and 21-inch) to convey the target flow due to steeper slopes. However, for the purpose of this BCE, 24-inch was assumed to be constant.

Some of the key features of Alternative B.2 are listed below.

- Capital cost: The capital expenditure for Alternative B.2 is shown in Table 3-1 and in detail in Appendix 05. This includes the initial upgrades to Bullittsville PS and Allen Fork PS, Tanner Road sewer replacement, the gravity sewer elimination of Allen Fork PS, construction of a new 12.23-mgd Allen Fork PS and FM, drop shaft facility to WRCT, and the gravity sewer elimination of Bullittsville PS. The capital cost for just the 24-inch gravity sewer to eliminate Bullittsville PS is estimated at \$17.4 million. The capital cost is provided in Table 3-1.
- Sewer O&M costs: It was assumed that the new sewers would be CCTV inspected and cleaned every ten years, as is common for new sewers. Due to the difficulty getting the CCTV or Vactor trucks near the sewer alignment, off-road costs were used.
- Odor control costs:
 - Roughly \$20,000 is spent annually on odor control chemical at Bullittsville PS. With the elimination of Bullittsville PS and the existing Allen Fork PS, it is assumed that the cost of odor control at these stations would be transferred to the new Allen Fork PS.
 - Approximately \$315,000 is spent annually on odor control chemical at Taylorsport PS. Odor control costs at Taylorsport PS may also be impacted; but for this BCE, it was assumed that those costs would remain constant.
- Net Present Value: The NPV is shown in Table 3-1 and provided in detail in Appendix 05.
- Utility Crossings: There are several locations where potable water mains and over-head power lines would be crossed, but nothing was identified that appears to be of major consequence.
- Creek Crossings and Footage within 50 feet of a Creek: This alignment traverses many private properties and follows Woolper Creek for the majority of the alignment. This alignment is extremely forested and encounters multiple creek crossings except for a brief section that follows Garber Lane and a section along a private drive. As shown in Table 3-3 and Appendix 04, this alignment frequently crosses and is within 50 feet of several major and minor creeks. This alignment would have a higher risk for excessive infiltration than the other alternatives.
- Easements: For Alternative B.2, there are 18 separate property owners where an easement would be needed. For the entirety of Alternative B.2, a total of 22 separate easements totaling 8.6 acres are anticipated (assuming a 20-ft easement is obtained). All of these easements appear to be located in unused areas of wooded lots.
- Distance through farmland: There doesn't appear to be any working farm that Alternative B.2's gravity sewer passes through. However, the new Allen Fork FM that is common to all

alternatives would pass through a farm and the design should consider the best alignment through the property. This will be discussed in Section 3.4.

- Permitting needs:
 - Due to the number of creek crossings, a substantial permitting effort would be necessary with the US Army Corps of Engineers (USACE).
 - According to KY Fish and Wildlife, “floodplain and riparian forests are important habitats” for Indiana Bats. Due to the amount of trees to be cleared for this alternative and the likely presence of the endangered Indiana Bat in Boone County, this alternative would likely require an impact study during design. The USACE permits typically require the US and State Fish and Wildlife services (Region 3 of the US Fish and Wildlife and KY Fish and Wildlife) to be involved. If the Indiana Bat is found, there could be requirements for construction at certain times of years and/or a mandatory fee to the Imperiled Bat Conservation Fund. However, to avoid an impact study and limitations on construction, the more likely approach would be to assume the presence of the bat and simply pay the fee, per disturbed acre, to the Imperiled Bat Conservation Fund for the entire area in question.
 - If this project were to be funded with federal funds, SHPO would be involved for permitting. The USACE permit may also require SHPO compliance. Within the scope of this BCE, nothing suggests that there are historical sites along this alignment.
 - KYTC road encroachment permits would be required (one for crossing Petersburg Road and another for Idlewild Road), but nothing was identified that appears to be of major consequence.
- Required ARVs: Alternative B.2 would have the least number of ARVs of any alternative, with one or two less than Alternative B.3. Since all ARVs on the existing Bullittsville FM would be eliminated, this alternative offers a significant advantage in terms of number of ARVs.
- Depths greater than 15 feet: This alignment has multiple locations where the sewer would be buried deeper than 15 feet, with approximately 6,700 feet of sewer exceeding this depth.
- General Constructability: Unlike other alternatives, Alternative B.2 has more challenging construction with very little access by existing roads to the proposed alignment. This alignment includes large steep slopes, deep excavation with increased potential for rock, extensive tree removal, and many creek crossings which make construction more difficult. Hauling material in, as well as hauling rock and trees out, would add to the difficulty. The higher unit cost for the gravity sewer reflects these challenging conditions.
- Development impacts: The new gravity sewer associated with Alternative B.2 would open up a large amount of undeveloped land for development. Approximately 2.5 square miles of developable land that is not currently projected to develop by 2050 could be served by the proposed gravity sewer.
- Scheduling / Phasing: If the Initial Bullittsville PS upgrades are completed as recommended in this BCE, the upgraded PS would remain in service for roughly seven years before being

eliminated by construction of the gravity sewer and redirection of flow to new Allen Fork PS. The initial improvements at Bullittsville PS would become obsolete upon elimination of Bullittsville PS by gravity sewer. Taylorsport PS would not need to be upgraded for nearly 20 years. Appendix 04 – Project Sheet also shows proposed schedules.

3.3.3 Alternative B.3

Alternative B.3 includes a new Bullittsville PS (7.0 mgd firm capacity), approximately 3,700 feet of new 20-inch FM, and approximately 14,700 feet of new 24-inch gravity sewer to convey 2050 projected peak flow to the new Allen Fork PS. Although some components of the initial Bullittsville PS upgrade could potentially be used for the new PS, this option was evaluated under the assumption that a completely new pump station would be built. The proposed FM location is in Bullittsville Road until it turns into a farm field west of Brents Way where it reaches its high point. At the FM's high point, flow would enter a new 24-inch gravity sewer that would continue south through mostly open farmland and along private driveways until it reached Woolper Creek. The sewer alignment follows Woolper Creek and includes a few creek crossings and construction in a forested area until it reaches the proposed site for the new Allen Fork PS. The proposed alignment and associated profile are presented in Appendices 01 and 02, respectively. During detail design, it may be possible for smaller sewers (18-inch and 21-inch) to convey the target flow due to steeper slopes. However, for the purpose of this BCE, 24-inch was assumed to be constant.

Advantages of Alternative B.3 are related to the alignment of the FM and gravity sewer and result in considerable reduction in the number of necessary easements, less risky and more accessible construction, and a significant reduction in creek crossings and clearing of heavily wooded areas, which results in less environmental impacts. The primary disadvantage of Alternative B.3 vs. B.2 is that Bullittsville PS remains in operation along with increased O&M and odor control costs.

Some of the key features of Alternative B.3 are listed below.

- Capital cost: The capital expenditure for Alternative B.2 is shown in Table 3-1 and in detail in Appendix 05. This includes the initial upgrades to Bullittsville PS and Allen Fork PS, Tanner Road sewer replacement, the gravity sewer elimination of Allen Fork PS, construction of a new 12.23 mgd Allen Fork PS and FM, drop shaft facility to WRCT, and a new 7.0 mgd Bullittsville PS and FM. The capital costs are provided in Table 3-1.
- Sewer O&M costs: It was assumed that the new sewers would be CCTV inspected and cleaned every ten years, as is common for new sewers. Most of the new gravity sewer can be reached by road, but roughly 3,500 feet would be difficult to access.
- Odor control costs:
 - Roughly \$20,000 is spent annually on odor control chemical at Bullittsville PS. For this BCE, it was assumed that the odor control cost would be increased due to the larger FM, longer retention time, and discharge near a residence.
 - With the elimination of the existing Allen Fork PS, it is assumed that the cost of odor control at that station would be transferred to the new Allen Fork PS.

- Approximately \$315,000 is spent annually on odor control chemical at Taylorsport PS. Odor control costs at Taylorsport PS may also be impacted; but for this BCE, it was assumed that those costs would remain constant.
- Net Present Value: The NPV is shown in Table 3-1 and provided in detail in Appendix 05.
- Utility Crossing: There are several locations where potable water lines and over-head power lines would be crossed. The FM would also be about 600 – 700 feet away from an electrical substation. However, nothing was identified that appears to be of major consequence.
- Creek crossing and footage within 50 feet of a creek: Although part of this sewer alignment follows Woolper Creek and includes a few creek crossings, it is not frequently near a stream or forested area as with Alternative B.2.
- Easements: For Alternative B.3, there are only 3 private property owners where an easement would be needed. For the entirety of Alternative B.3, a total of 7 easements are required totaling 8.5 acres of land (assuming a 20-ft easement width). Most of these easement areas appears to be areas of wooded lots or far from homes. However, there are also a working farm and a Children's Home that require about 10,000 feet of easement (4.6 acre at 20-foot width).
- Distance through farmland: About 2,300 feet of this sewer alignment runs through a farm. The new Allen Fork FM would also pass through a farm as noted under Alternative B.2.
- Permitting needs:
 - Fewer creek crossings exist with B.3, but a permitting effort with the USACE would still be required as with B.2.
 - Although to a lesser extent than Alternative B.2, clearing of trees would be required, thus US and KY Fish and Wildlife would likely be involved as for Alternative B.2. Similar to Alternative B.2, SD1 could pay the per acre fee to the Imperiled Bat Conservation Fund in lieu of an impact study.
 - If this project were to be funded with federal funds, SHPO would be involved for permitting. The USACE permit may also require SHPO compliance. Within the scope of this BCE, nothing suggests that there are historical sites along this alignment.
 - KYTC road encroachment permits would be required (one for crossing Petersburg Road and another for Idlewild Road), but nothing was identified that appears to be of major consequence.
- Required ARVs: Alternative B.3 would have one or two ARVs on the Bullittsville FM, making it have one or two more than Alternative B.2. This alternative would still eliminate all the ARVs on the existing Bullittsville FM.
- Depths greater than 15 feet: Approximately 3,100 feet of sewer would be buried at depths greater than 15 feet.
- General Constructability: Construction of Alternative B.3 is more favorable than B.2 due to a much more accessible alignment with paved roads and open fields. Additionally,

environmental impacts associated with creek crossings and tree removal are reduced with Alternative B.3.

- Development impacts: The new gravity sewer associated with Alternative B.3 would open up some undeveloped land for development. However, it doesn't appear that much future development could flow by gravity into the Bullittsville gravity sewer as it could with Alternative B.2. Small PSs or perhaps aerial sewers over creeks would be needed to allow for much more development in areas not currently projected to develop by 2050.
- Scheduling / Phasing: If the Initial Upgrades at Bullittsville PS are completed as recommended in this BCE, the EQ storage tank and additional land acquisition could be utilized with the new PS. However, the pumps associated with the Initial Upgrade could not be utilized with the new Bullittsville PS. Taylorsport PS would not need to be upgraded for nearly 20 years. Appendix 04 – Project Sheet also shows proposed schedules.

3.3.4 Tanner Road Gravity Sewer

Similar to Scenario A, Tanner Road sewer would need upsizing to convey additional flow for Scenario B. As part of the North Hebron / Sand Run PS Improvements, it is anticipated that 2,880 feet of this sewer will be upsized by the end of 2018. With the flow from Bullittsville PS removed from the Tanner Road sewer, the 2050 projected peak flow to the sewer is 8.5 mgd (as opposed to 15.4 mgd in Scenario A). This would require only one additional span of pipe (in addition to those already planned for replacement by 2018) be upgraded from 15-inch to 30-inch to convey projected 2050 flows; increasing the total length to be upsized to approximately 3,300 feet, as shown in Table 3-4. If Scenario B is selected, it may be most cost-effective to construct the additional 420 feet from segment 2360005 – 2360004 along with the North Hebron / Sand Run PS Improvements in 2018—rather than as a separate project in the future. Thus, this scenario includes that additional cost with the initial Tanner Road sewer improvements.

Table 3-4: Tanner Road Sewer Upsizing (Scenarios B and C)

U/S MH	D/S MH	Length (feet)	Existing Size (inch)	Proposed Size (inch)
2360022	2360021	167	15	30
2360021	2360965	91	15	30
2360965	2360987	7	15	30
2360987	2360020	260	15	30
2360020	2360019	136	15	30
2360019	2360018	412	15	30
2360018	2360017	296	15	30
2360017	2360016	419	15	30
2360016	2360015	326	15	30
2360005	2360004	420	15	30
2360004	2360003	383	15	30
2360003	2360002	383	15	30

Notes:

1. The orange-shaded rows represent sewers being replaced with North Hebron / Sand Run PS Improvements. The blue-gray-shaded rows represent the additional sewer needing to be replaced in the future to convey the 2050 peak flow (15.4 mgd) with Bullittsville PS.
2. The proposed size of 30-inch assumes sewer slopes are adjusted as needed and is based on the anticipated 2050 flows. This sewer is currently being designed by others as 36-inch.

3.3.5 Taylorsport PS and FM

Once Bullittsville PS flow is removed from Taylorsport PS, the 2050 projected peak flow to Taylorsport PS is 10.8 mgd. The existing 24-inch Taylorsport FM has capacity to upgrade Taylorsport PS from its current firm capacity of 9.0 mgd to 10.8 mgd, and it's anticipated that only pump replacement and minor electrical upgrades would be needed to achieve this capacity. Linear interpolation between existing flow and projected 2050 flow suggests that the current 9.0 mgd capacity will be sufficient until year 2035, meaning Scenario B would delay any upgrades to Taylorsport PS for nearly 20 years.

3.4 Scenario C - Bullittsville PS to WRCT (via New Tunnel)

Scenario C would reroute all flow from Bullittsville PS and Allen Fork PS to the WRCT via a new 27,580 ft. tunnel sewer, which would connect into the existing WRCT. Identical to Scenario B, this would free up capacity in the Tanner Road sewer and Taylorsport PS, reducing, but not eliminating, those upgrade needs. Since there is only one alternative under this scenario, Scenario C and Alternative C are used interchangeably in this report. The tunnel included in Scenario C is referred to as either the Bullittsville Tunnel or simply Tunnel (whereas, WRCT refers to the existing tunnel). Alternative C also includes the elimination of the existing Allen Fork PS with a proposed gravity sewer.

Alternative C would require a new sewer redirecting the flow from Bullittsville PS to an entrance shaft for the Tunnel. Based on 2050 flow rates, available slopes, and required creek crossing clearances, the carrier pipes would need to be 21-inch and 30-inch as shown in Appendix 02. The Tunnel would head

southwest to the same terminus as the other Scenarios, existing Access Shaft 3. A second entrance shaft would be included near the proposed location of the new Allen Fork PS in Scenarios A and B in order to receive redirected flows from Allen Fork PS. A third shaft would be required near the terminus for the retrieval of the tunneling equipment. Due to the large cast-in-place concrete tee at the base of Drop Shaft 3, the fiberglass reinforced pipe (FRP) used as the vertical shaft pipe, and the liner plates left over from the shaft's construction, the final connection of the proposed tunnel with the existing Drop Shaft 3 will involve some complicated construction methods.

Some of the key features of Alternative C are listed below:

- **Capital cost:** The capital expenditure for Alternative C is shown in Table 3-1 and in detail in Appendix 05. This includes the initial upgrades to Bullittsville PS and Allen Fork PS, Tanner Road sewer replacement, the gravity sewer elimination of Allen Fork PS, construction of new drop shafts, and the new tunnel sewer eliminating Bullittsville and Allen Fork PS. The capital cost for just the tunnel sewer to eliminate Bullittsville PS is estimated at \$107 million. In addition to the Bullittsville Tunnel, this includes both drop shafts (with screenings, grit removal, and odor control facilities) and the equipment retrieval shaft near Drop Shaft 3.
- **Sewer O&M costs:** It was assumed that O&M costs associated with the tunnel sewer would be limited to routine inspections and maintenance of the drop shafts, screening/grit removal facilities, and odor control systems. It was assumed that the new sewers (exclusive of the tunnel) would be CCTV inspected and cleaned every ten years, as is common for new sewers. Due to the difficulty getting the CCTV or Vactor trucks near the sewer alignment, off-road costs were used.
- **Odor control costs:**
 - Over \$60,000 is spent annually on odor control chemical at Bullittsville and Allen Fork PS. With the elimination of these stations, there would no longer be a need for odor control treatment at these locations.
 - Odor control costs for the proposed drop shafts are incorporated into the drop shafts O&M costs.
 - Approximately \$315,000 is spent annually on odor control chemical at Taylorsport PS. Odor control costs at Taylorsport PS may also be impacted; but for this BCE, it was assumed that those costs would remain constant.
- **Net Present Value:** The NPV is shown in Table 3-1 and provided in detail in Appendix 05.
- **Utility Crossings:** There are utility crossings, but most of these would not impact tunnel construction.
- **Creek Crossings and Footage within 50 feet of a Creek:** The few creek crossings would have little impact on construction of a tunnel.
- **Easements:** Depending on the actual alignment selected, there are approximately 50 separate property owners where an easement would be needed. For a deep tunnel, individual easements are still needed; but these could be in the form of subterranean easements. Monetary cost and

the effort to negotiate with a property owner are expected to be reduced for subterranean easements.

- Distance through farmland: Alternative C passes under the same working farm (although less footage) as does the new Allen Fork FM that is common to Scenarios A and B. However, it would be 100 to 200 feet below the farm and should have only minimal impact on the farm. There would be an additional shaft for the retrieval of the tunneling machine near Drop Shaft 3, which would be located in the same farm as Drop Shaft 3.
- Permitting needs: All of the same permits will be required as in Scenarios A and B; however, due to much less linear footage of open-cut construction and no surface impact associated with construction of the tunnel (other than the shafts), the permitting process would likely be less complicated for Scenario C than other scenarios.
- Required ARVs: Alternative C would have no ARVs, as there would be no PSs or FMs. Since all ARVs on the existing Bullittsville FM would be eliminated, this alternative offers a significant advantage in terms of number of ARVs.
- Depths greater than 15 feet: The proposed sewer to transfer flow from the existing Bullittsville PS to the proposed entrance shaft would gradually reach a depth of approximately 30 – 40 feet. In addition, the vertical shaft required for tunneling equipment retrieval would be over 260 ft. deep. Otherwise, there is not necessarily a correlation between depth of the Tunnel and cost or constructability. Refer to Appendix 02 for the depth of the Tunnel and Shafts.
- General Constructability: There will be several unique construction challenges associated with the Tunnel and drop shafts, including:
 - The proposed Bullittsville Shaft would be on a wooded hillside, where a construction access road would be required for the excavation and spoils removal.
 - The proposed Allen Fork Shaft would be on a wooded flat area near a creek. A construction access road would also be required here for the excavation and spoils removal.
 - The termination of the proposed Tunnel and carrier sewer to the existing Drop Shaft 3 will be completed by channeling. As shown in Appendix 06, the base of the shaft is a large mass of cast-in-place concrete forming a vertical tee. To connect the proposed tunnel to the existing Drop Shaft 3, a hand excavated tunnel from the retrieval shaft to the vertical shaft pipe will be necessary and located at a level above the concrete tee. A field-cut opening in the FRP vertical pipe would also be required, which would jeopardize the strength and corrosion resistance of FRP. This hand-excavated tunnel and connection will require complex engineering and construction care.
- Development impacts: The Bullittsville Tunnel sewer would open up a large amount of undeveloped land for development. However, all flows would be required to be routed to the proposed entrance shaft or the shaft receiving flow from Allen Fork.
- Scheduling / Phasing: If the Initial Bullittsville PS upgrades are completed as recommended in this BCE, the upgraded PS would remain in service for roughly seven years before being

eliminated by construction of the Tunnel sewer and redirection of flow to new Allen Fork PS. The initial improvements at Bullittsville PS would become obsolete upon elimination of Bullittsville PS by the Tunnel. Taylorsport PS would not need to be upgraded for nearly 20 years. Appendix 04 – Project Sheet also shows proposed schedules.

3.4.1 Tunnel Construction Feasibility

There are multiple tunneling methods appropriate for the installation of gravity sewer systems. These tunneling methods are categorized together in a group commonly referred to as Utility Tunneling due to their capabilities to excavate within the range of diameters most commonly required for utility infrastructure such as water, wastewater, stormwater, oil and gas. The most common tunneling methods used for sanitary and combined sewer tunneling are shown in Figure 3-9.



Note: Light blue bubble indicates less-commonly used method for gravity conveyance. This method is not germane to the Bullittsville Tunnel.

Figure 3-9: Utility Tunneling Methods

3.4.2 Anticipated Geology

Assumptions of geotechnical conditions were developed through a desktop analysis of available data including USGS mapping and the Western Regional Tunnel Geotechnical Baseline Report and Geotechnical Data Report (dated August, 2008). Expectations on the overburden soil behavior, rock quality, discontinuities, rock mass features, instability, groundwater inflow, and general expectation of strata elevations that were assumed from this analysis formed the basis for the preliminary tunnel constructability evaluation and the resulting engineer's opinion of estimated probable construction cost.

The regional geology includes bedrock made up of Ordovician geologic units with thinly bedded overburden and the majority of rock classified from medium strong to very strong limestone and shale with some calcareous siltstone. The higher percentage shale sections such as would be expected in the underlying Kope Formation do represent the slowest production areas for mechanical tunneling including higher rates of cutter wear, impacts to steering, and cutter tool penetration. However, the Kope Formation provides the most consistent and stable strata within the hydraulic profile required and allows for a single tunneling machine to be used for the entire corridor. As a recent example, the Western Regional Conveyance Tunnel (WRCT) was constructed entirely within the Kope Formation with a single TBM.

Jointing patterns in the Kope Formation are primarily horizontal with low angle or horizontal siltstone or limestone lenses, some clay seams or weak layers and/or low angle faults or shears of weathered shale exist, with the possibility of horizontal, high flow sand lenses also being a possibility. However, groundwater inflow rates and instability risks in general for this area are considered manageable at the elevations considered for this tunnel.

A great deal of understanding regarding the bedrock including Kope Formation from a regional perspective is known due to the WRCT tunnel construction and the subsurface studies that were undertaken for that project. From a geotechnical perspective, the elevations of the bedrock along Allen Fork creek where the tunnel will cross is the most critical unknown factor to the evaluation of the Scenario C. Preliminary geotechnical investigation of the proposed tunnel corridor or route options would be required to further advance this evaluation to higher level of accuracy and detail. At minimum, confirmation of the top elevation of the Kope Formation along the Bullittsville Tunnel Corridor, in particular in the area where the tunnel alignment would cross the low lying Allen Fork creek, would be required to fully vet this tunnel option as it is currently estimated as confirmation of the bedrock strata elevations along Allen Fork being the greatest factor to the current assumptions for tunnel constructability and estimated construction cost.

The assumed geology for this tunnel will require tunneling methods that can excavate efficiently in medium strong to very strong rock with manageable inflow rates, be fully shielded (360 degrees), have access to the cutting face of the machine to replace worn cutter tooling, and capable of installing Class 4 or better initial tunnel lining support.

3.4.3 Tunneling Constructability

Each tunneling method has specific capability ranges in terms of diameters, maximum drive lengths, and subsurface conditions where they are feasible and/or cost productive. Each of these three areas are critical factors in the evaluation of tunnel method constructability. However, in many cases tunneling methods must upsize in diameter to increase their maximum drive length capability or their ability to excavate in complex geologies such as hard rock, high groundwater pressure, problematic soft soils, or mixed face conditions.

However, to make a full determination of tunnel method feasibility all of the following constructability elements must be considered:

1. Tunnel drive length,
2. Flow conveyance diameter,

3. Subsurface/geotechnical conditions,
4. Line and grade accuracy (based on flow characteristics—i.e., pressure or gravity flow),
5. Space requirements (buried conflict clearance, minimum depth of cover, etc.),
6. Site constraints (footprint, shaft dimensions, access, etc.),
7. Environmental constraints (differing permitting requirements due to differing impacts and risk),
8. Capability to access the face of excavation and/or replace cutter tooling,
9. Tunneling production and internal logistics.

Table 3-5 shows each tunneling method that was considered and the reason each was included or excluded in estimating the cost of this work.

Table 3-5: Tunneling Methods Evaluated

Tunneling Method	Included	Reasoning
TBM Tunneling	Yes	Capable of high production rates and accomplishing the extended drive lengths
Microtunneling	No	Limited Drive Length Capability
Auger Boring/Pilot Tube Auger Boring Methods	No	Limited Drive Length Capability and difficulty in excavation of Hard Rock
Pipe Jacking with Shield	No	Limited Drive Length Capability
Utility Hand Tunneling	No*	Labor intensive method of tunneling making longer drives such as considered herein cost prohibitive.

*Hand tunneling would be used for the connection to WRCT Access Shaft 3.

For projects with longer reaches such as the Bullittsville Tunnel, a constructability evaluation is required beginning with length capability of each method and type of equipment to determine if and how many intermediate shafts are necessary along the route. With the majority of the proposed tunnel alignment being extremely deep (>150 ft. below ground surface), the costs of additional intermediate deep shafts that would be required for tunneling methods with limited drive length capability make those methods cost-prohibitive. This makes methods such as microtunnel boring machines (MTBM), auger boring methods, and smaller diameter tunnel boring machines (TBM) impractical. In addition, the requirement for longer tunnel drives typically makes mechanized tunneling in general the most cost-conscious choice over utility hand tunneling (UHT), as higher labor rates, slower production (e.g., including use of pneumatic hand tools, drilling and blasting, etc.), and often higher risks to worker safety, can drive up costs compared to mechanical methods. Therefore as the tunnel drives get longer, larger diameter TBMs become the most promising choice.

For the tunnel alignments considered for this study, TBM tunneling is the method most likely to be selected and is in agreement with recent evaluations and construction for longer drive length tunnel construction in the area.

3.4.4 Minimum Tunnel Diameter

Tunneling longer distances (greater than 1,000 ft.) for municipal water and sewer service can often mean that the tunnel constructability elements—rather than the minimum internal clearance requirements attributable to the purpose of the tunnel—will dictate the tunnel diameter. One of the key issues with regard to the application of TBMs is the practical construction considerations for the effective installation

of initial and final tunnel support linings, ventilation, power transmission, spoil removal, carrier pipe installation, and annular backfill grouting. This means that to achieve higher productivity, and ultimately the lowest-cost tunnel construction, the tunnel diameter may be significantly larger than the carrier pipe diameter required to meet the projected flow requirements for conveyance.

Based on conversations with multiple national tunneling contractors, Hazen's experience, and considering the length of drives, depth, potential shaft access, and expected geology to be encountered, the minimum TBM diameter considered for estimation of costs is 108-inches (9 feet). Determinations can be made to decide whether to upsize the carrier pipe for additional storage or additional future flows as the minimum tunnel excavation diameter will be considerably larger than is currently anticipated for the hydraulic conveyance. However, for purposes of comparison to the other alternatives in this BCE, the smallest feasible carrier pipe size was used.

3.4.5 Tanner Road Gravity Sewer

Tanner Road sewer improvements for Scenario C would be identical to Scenario B. As with that scenario, it is anticipated that all of these improvements, including segment 2360005 – 2360004 (approximately 3,300 feet altogether—see Table 3-4) would be completed as part of the North Hebron / Sand Run PS Improvements by the end of 2018.

3.4.6 Taylorsport PS and FM

As with Scenario B, once Bullittsville PS flow is removed from Taylorsport PS, the 2050 projected peak flow to Taylorsport PS is 10.8 mgd. The existing 24-inch Taylorsport FM has capacity to upgrade Taylorsport PS from its current firm capacity of 9.0 mgd to 10.8 mgd, and it's anticipated that only pump replacement and minor electrical upgrades would be needed to achieve this capacity. Linear interpolation between existing flow and projected 2050 flow suggests that the current 9.0 mgd capacity will be sufficient until year 2035, meaning Scenario C would delay any upgrades to Taylorsport PS for nearly 20 years.

3.5 Allen Fork PS Relocation and Alignment(s) to WRCT

All three scenarios include rerouting the flow from the existing Allen Fork PS to either a new Allen Fork PS or a drop shaft (Scenario C) as shown in Figures 3-10 through 3-12. The size of the station is different for Scenarios A and B but both would be in the same location. The new PS would convey flow to a new grit removal and screening facility and enter into a new drop shaft facility into the WRCT, whereas the Scenario C drop shaft would have a grit removal and screening facility at this entrance to the tunnel

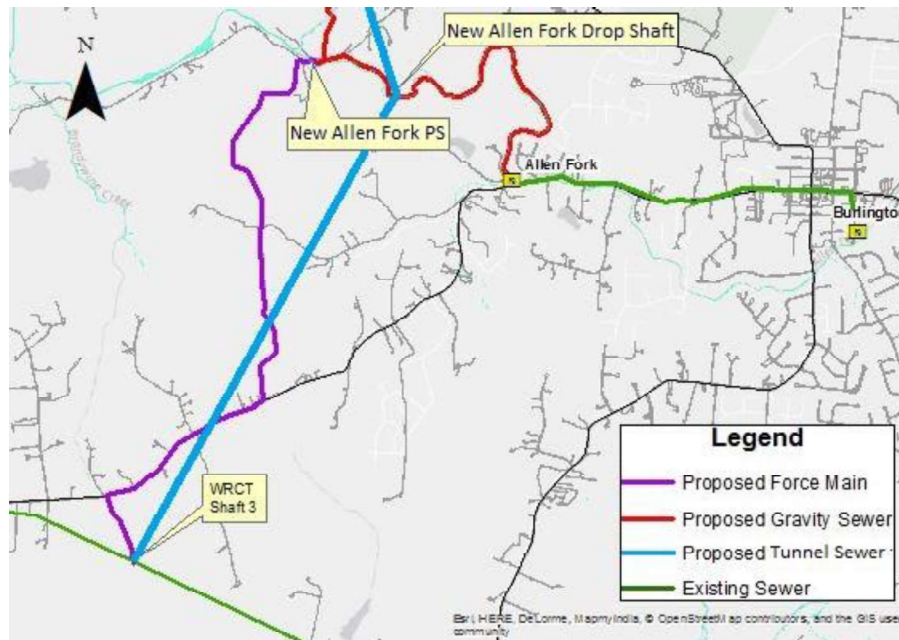


Figure 3-10: Existing and Proposed New Allen Fork PS and Drop Shaft Vicinity Map



Figure 3-11: Proposed Allen Fork PS Site

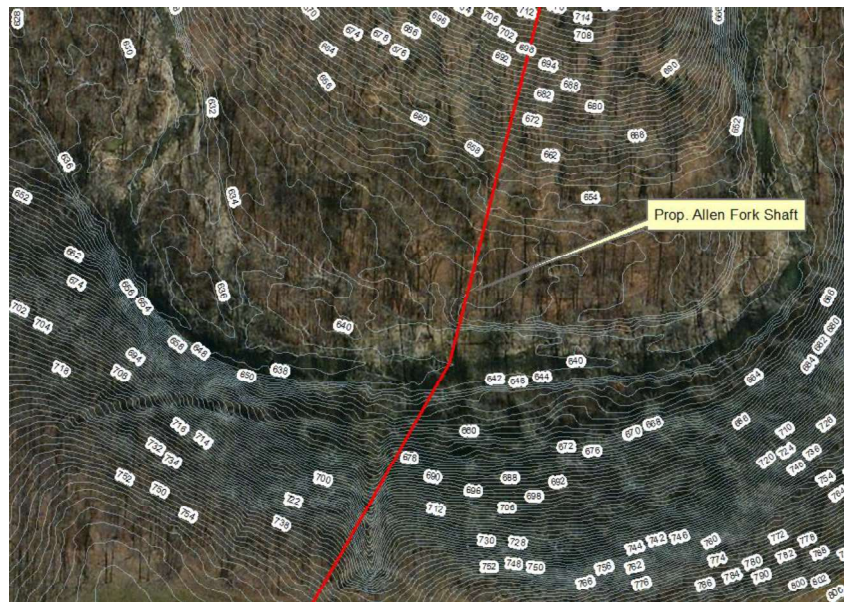


Figure 3-12: Proposed Allen Fork Drop Shaft Site

3.5.1 Gravity Sewer (eliminating existing Allen Fork PS)

The existing Allen Fork pump station would be eliminated with a new 24-inch gravity sewer that is either approximately 10,200-feet (Scenarios A and B) or 7,900-feet in length (Scenario C). A new Allen Fork PS would be located along Woolper Creek adjacent to Easton Lane or a new Allen Fork Drop Shaft would be located approximately 1,500 ft. to the east in a level clearing as shown in Figure 3-12. The capacity of this 24-inch sewer would meet 2050 projected peak flow and allow flexibility for flow from the southern Burlington Reroute project to be routed back to Allen Fork PS. A profile of the new Allen Fork sewer is provided in Appendix 02. Specific details of this sewer are shown in Appendix 04.

As discussed with the Scenario B alignment alternatives, similar constructability issues exist related to creek crossings, tree removal, access constraints, and trench excavation in rock and along steep slopes along this alignment. Similar permit requirements by USACE and USFW would be necessary as well. The lithology along the proposed alignment appears to include clay as well as rock which would make excavation easier along portions of the alignment.

In addition to the proposed gravity sewer to eliminate the PS, the existing trunk sewer tributary to the existing Allen Fork PS will need to be upsized in approximately 10 years, regardless of the work done at Bullittsville PS and/or south Burlington sewer reroute. This is listed in the Watershed Plan as shown in Figure 3-13.

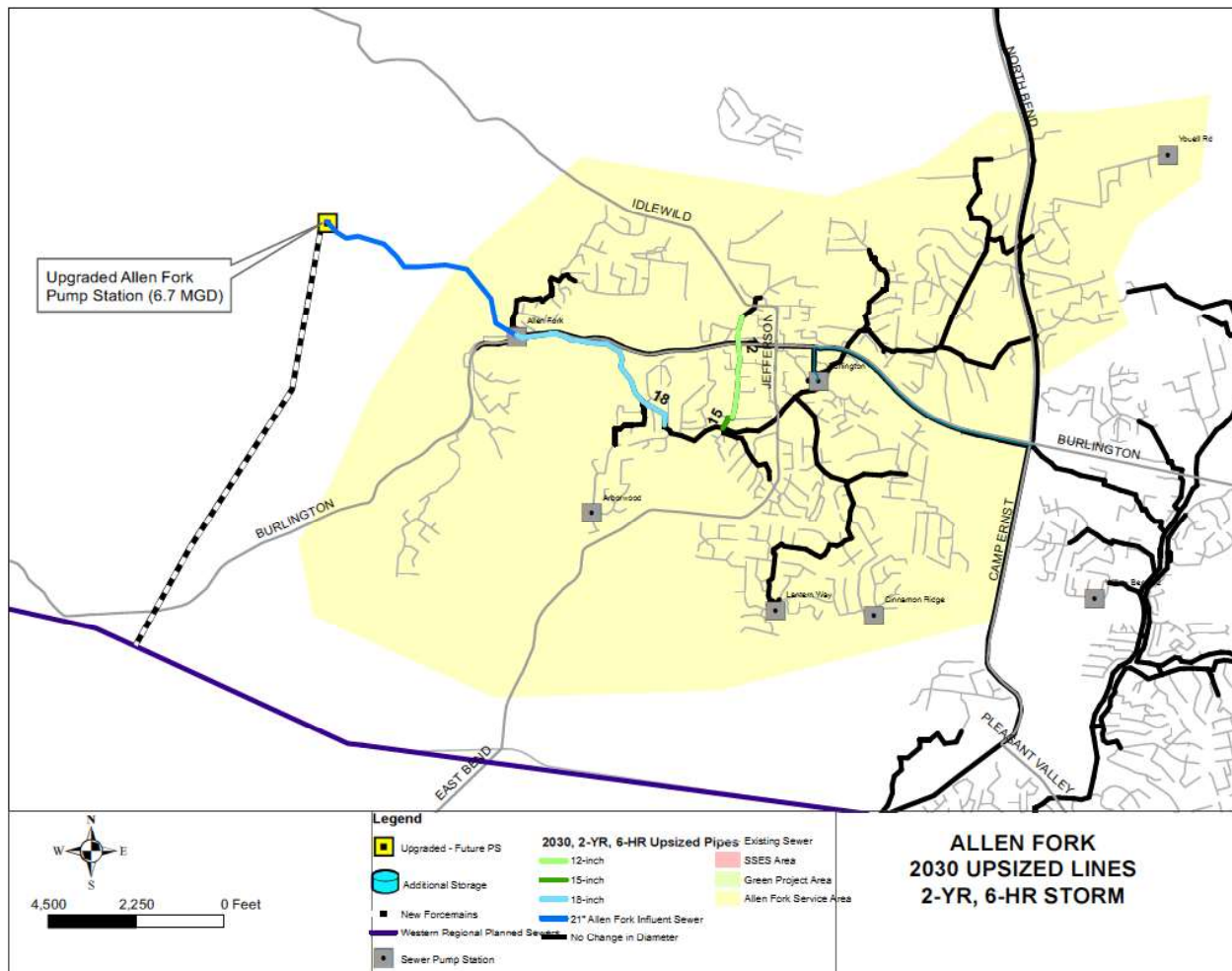


Figure 3-13: Allen Fork Trunk Sewer Improvements from Watershed Plan

3.5.2 New/Relocated Allen Fork PS and FM

3.5.2.1 Pump Station

To meet the projected peak flow in 2050 the new Allen Fork PS requires a 5.2 mgd firm capacity for Scenario A and a 12.2 mgd firm capacity for Scenario B. No pump station is required for Scenario C. These capacities assume that the southern Burlington Reroute project is completed, and the rerouted flow continues to go to Burlington PS. If the southern Burlington Reroute sewer project is never completed or flow is later redirected back to Allen Fork, peak flows to the new Allen Fork PS would be 6.6 mgd. With Scenario C, which eliminates Allen Fork PS, it would be advantageous to maximize flows directly to the tunnel (to minimize pumping costs), so it's assumed that the flows from the southern Burlington Reroute area would be redirected to the Allen Fork sewer.

3.5.2.2 Force Main

The force main from the new Allen Fork PS would be routed to one of the shafts on the WRCT. There are five shafts along the WRCT, but only Shaft 1 has a drop facility to allow flow entry into the tunnel. For comparison of the alternatives, the connection point to the WRCT was assumed to be Shaft 3, which appears to be the easiest additional location to connect flow to the WRCT, as it is due south of the new Allen Fork PS and there are roads (public and private), along which a FM could follow, leading directly to Shaft 3.

Due to the topography, a FM from new Allen Fork PS would be required the entire distance to Shaft 3. It would be 20-inch for Scenario A or 30-inch for Scenario B. The FM would be 15,300 feet in length and essentially follow Burlington Pike to the site of WRCT Shaft 3. Construction is not anticipated to be difficult along this alignment and limited easement acquisition is anticipated if the force main is installed in public right-of-way. Due to the topography, approximately 9 ARVs are required with the FM but the alignment locates them all with easy access from existing roads. The features of the FM are listed in Appendix 04 – Project Sheets, and the profile are presented in Appendix 02.

3.6 Drop Shaft Facilities

In order to prevent grit and debris from entering the drop shaft system and accumulating in the WRCT, a grit removal and screening facility is recommended at the location where the future Allen Fork FM connects to the WRCT. Odor control could also be incorporated into this facility as with Drop Shaft 1. The facility would be designed to allow for additional flow from future development that could be pumped or conveyed by gravity to the drop shaft. Costs for these facilities have been incorporated into both Scenarios A and B, with sizing as appropriate for each Scenario.

3.6.1 WRCT Drop Shaft Options

Hazen reviewed the February 2016 memorandum from AECOM regarding tunnel connections. The memorandum's purpose was to evaluate options for direct connection of sanitary flow to Shafts 2 – 4. These vertical shafts are 96-inches diameter and tie directly into the WRCT and appear to be intended solely for access to the tunnel. Profiles of Shaft 3 and 4 are shown in Appendix 06. The memorandum lists the possible methods for flow entry including an external plunge drop shaft, a vortex drop assembly (similar to Drop Shaft 1), an external helicoidal drop shaft, and a baffle/cascade drop shaft system. Any method requiring excavation (down to the depth of the tunnel) to tie into the WRCT can be eliminated as the tunnel is too deep to feasibly excavate for access. This leaves a vortex system and a baffle/cascade system as potentially feasible options.

Either of these drop shaft systems would leave nearly half of the access shaft open for access to the tunnel. This would provide ample room for sample collection, manned entry, or lowering devices for CCTV, sonar, or laser inspection. Access for cleaning equipment may not be possible in the remaining space, but it's likely preferable to use the shallower shafts for that type of access, anyway.

3.6.1.1 Vortex

The concept of a vortex system is to direct the flow in an approach channel toward a drop shaft that dissipates the energy through contact with the shaft walls as the flow is traveling downward in a spiral motion. Drop Shaft 1 on the WRCT uses this system with a 64-inch diameter drop shaft. Figure 3-14 shows an excerpt from the Shaft 1 construction plans.

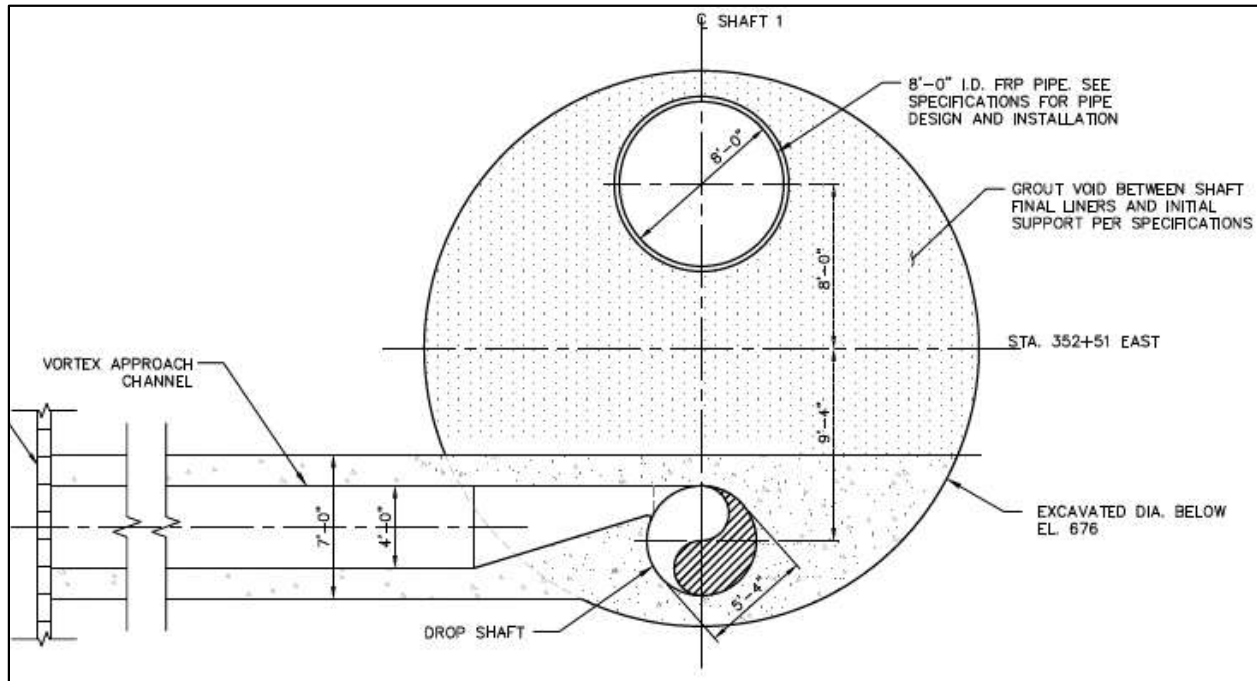


Figure 3-14: Vortex and Approach Channel on Drop Shaft 1 (from drawings by HDR/Quest)

One proprietary vortex drop shaft design is the IPEX Vortex Flow Insert, which creates a vortex flow within a smaller vertical shaft than installed at Shaft 1. This has a formed inlet slide at the top, to direct flow at the design approach velocity to the vertical shaft pipe, which typically ends in a dissipation pool at the bottom. In the conceptual installation at WRCT Shaft 3, which is presented in Figures 3-15 and 3-16, the dissipation pool could not be used, as it would obstruct the flow path within the WRCT. However, the dissipation pool could likely be omitted in the WRCT Shaft 3 installation, particularly since the flow would likely lose contact with the inner wall of the drop shaft and free-fall (likely resembling rain) for the last 100 feet or more into the WRCT. Thus, a dissipation pool at the bottom of this drop shaft likely would not provide the same functionality for which it's typically used, anyway. It is anticipated that the drop pipe would terminate about 10 feet above the normal, dry-weather flow surface in the WRCT.

An IPEX unit is currently in service in the old Gunpowder PS wet well near Shaft 1, and SD1 also has several others installed, including at other force main discharges (e.g. Riley Road and Alex-Licking), which operate successfully. The AECOM memorandum advises that 100 feet is the upper limit for IPEX units. However, this seems to be more a limit of how long the flow will maintain enough momentum to stay in contact with the inner wall of the drop pipe rather than a constructability limit. There is a 175-foot-deep unit installed in Georgia; and IPEX is currently bidding for a 180-foot-deep unit to tie into a tunnel in Fort Wayne, Indiana.

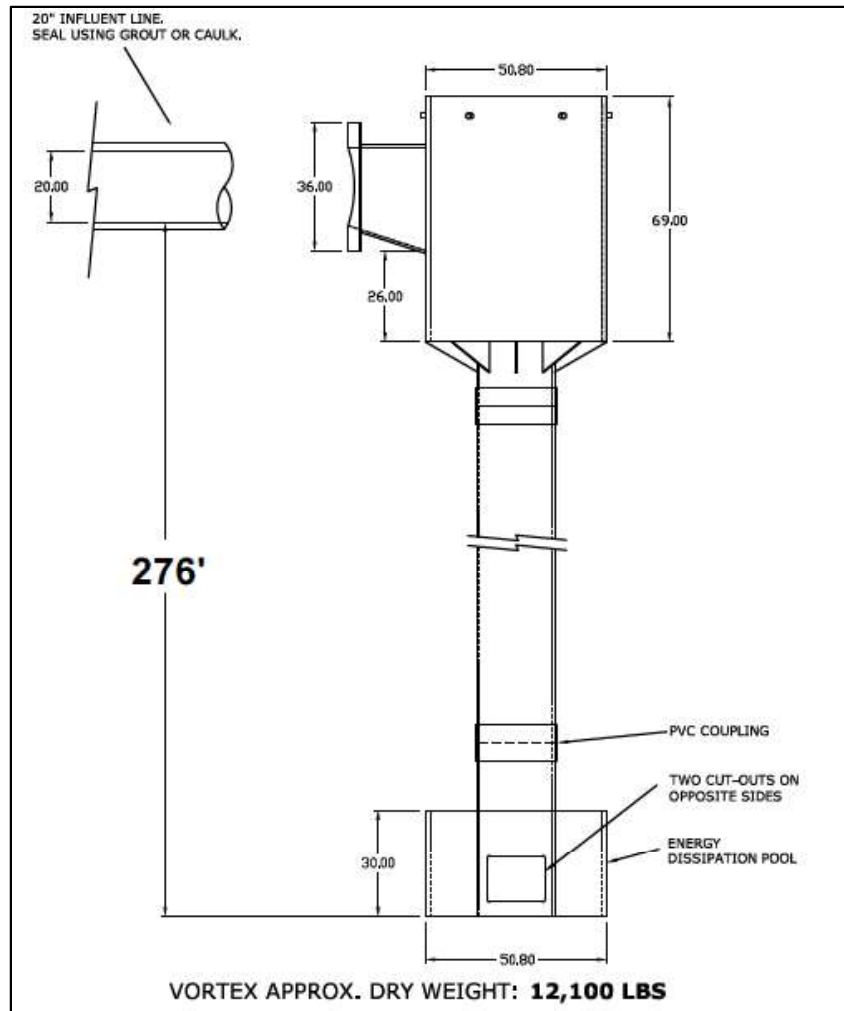


Figure 3-15: Conceptual IPEX Vortex Section View for WRCT Shaft 3 (provided by IPEX)

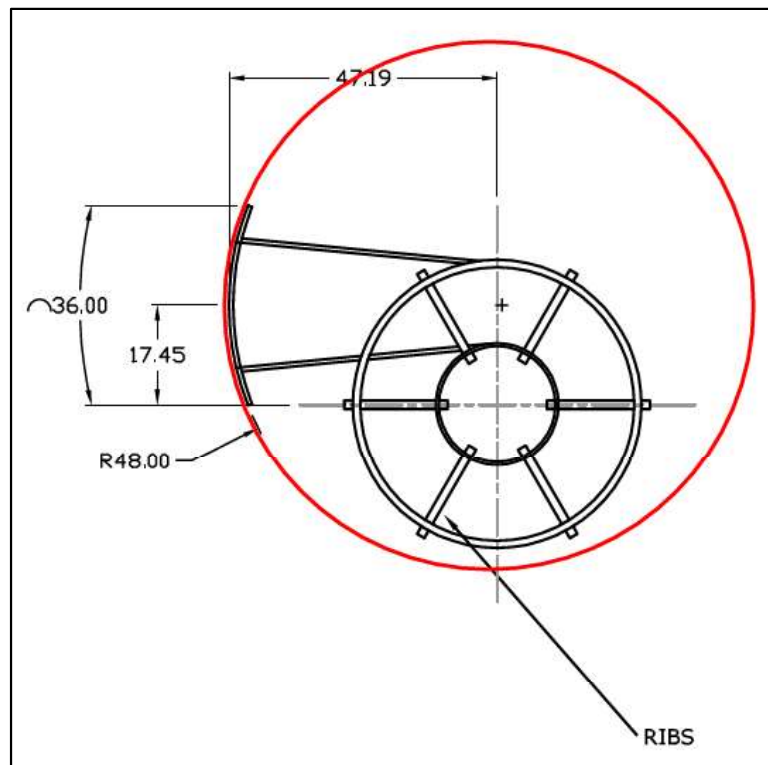


Figure 3-16: Conceptual IPEX Vortex Plan View for WRCT Shaft 3 (provided by IPEX)

In lieu of an IPEX Vortex unit, it may be possible to construct an approach channel outside the existing access shaft, similar to Shaft 1, and utilize flanged pipe or fused HDPE pipe as the drop shaft within the existing access shaft. This would likely reduce the footprint of the drop assembly within the access shaft and preserve space for access to the tunnel.

3.6.1.2 Baffle/Cascade

As shown in Figure 3-17 and discussed in the AECOM memorandum, the baffle/cascade system uses a series of baffle platforms that allow flow to drop in controlled increments to limit velocity head/energy. A baffle/cascade type system could allow for multiple inlet pipes and can accommodate a greater inlet flow range. However, it would likely be extremely challenging and costly to incorporate this type of system into the existing WRCT access shaft design. This type of drop system would require construction of a dividing wall to split the access shaft in half, and this wall would likely need to support the baffles (estimated to be approximately 70) and the weight of the falling water with a cantilever design due to presumed limitations of the existing access shaft pipe to support additional structural loads (see below discussion regarding support within the existing access shaft). For example, at 12.2 mgd of flow, each baffle would need to support itself and over 500 pounds of water (static load) plus dynamic loads.



Figure 3-17: Baffle/Cascade Drop Shaft (from AECOM 2016 memo)

3.6.2 Drop Shaft Structural Support Considerations

One of the key concerns with installing a drop system into the existing access shaft is how to support the new drop assembly within the existing fiberglass reinforced polymer mortar (FRPM) pipe access shaft without obstructing flow through the tunnel pipe, especially considering the depth of the structure. The FRPM pipe may not have adequate compressive strength (axially) to support the weight of the new drop assembly, especially if the baffle/cascade system were used. It has not been determined if the FRPM pipe was designed to support this much additional weight, but it seems unlikely. A more detailed evaluation would have to be conducted to confirm this.

The connection of the access shaft to the tunnel pipe consists of an 8.5-ft. X 8.0-ft. vertical tee encased in concrete (see Appendix 06). Any supports that extended to the bottom of the tee would impede the WRCT flow path, which might be problematic. For the baffle/cascade design, the dividing wall would likely need to extend to the bottom of the tee due to weight of the wall and its supported loads. However, it appears feasible to support the weight of a vortex drop assembly (within the larger access shaft) by anchoring into the concrete that surrounds the tee and lower portion of the access shaft—i.e. without impeding flow in the tunnel. Also with the vortex design, non-abrasive compression bands that expand outward against the access shaft walls could potentially be used to stabilize the drop shaft within the access shaft without actually drilling holes or supporting the weight of the drop shaft from the FRPM pipe. Drilling holes into/through the FRPM pipe could provide a source of infiltration and may present some risk of corrosion to the polymer mortar core of the pipe.

3.7 WRCT Alternative Tie-in Locations

3.7.1 Connection at Shaft 3

Connecting the new Allen Fork FM into Shaft 3 would be the simplest and shortest route. There would need to be more land acquisition, but Shaft 3 is located on a farm with plenty of space for a screening and grit removal facility, as shown in Figure 3-18. The largest concern with using Shaft 3 as the tie-in location is the great depth. As shown in Appendix 06, the existing grade and invert are approximately 844 and 559. This 285 foot drop is troublesome because these exceed the upper limit of any existing IPEX vortex flow insert by over 100 feet. Thus, brief consideration was also given to routing the new Allen Fork FM to either Shaft 2 or 4 on the WRCT, which are not as deep.

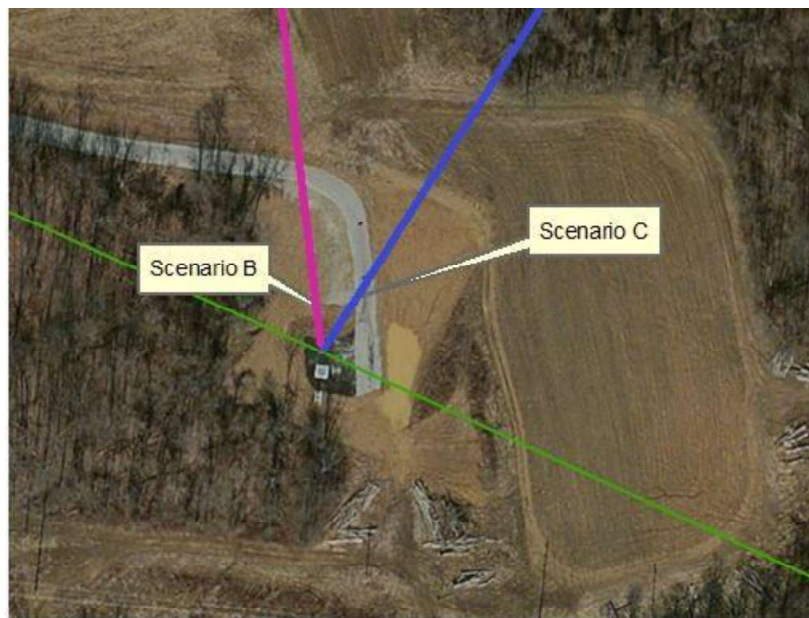


Figure 3-18: Shaft 3 (Map)

3.7.2 Allen Fork Force Main Connection at Shaft 2

Shaft 2 is approximately 4,800 feet upstream of Shaft 3. The distance a FM would have to travel to reach Shaft 2 (in lieu of Shaft 3) is comparable to the Shaft 3 alignment but would require over a mile of FM construction through private lots, trees, and farms. Therefore, no more consideration was given to using Shaft 2 for discharging Allen Fork PS flow into the WRCT.

3.7.3 Allen Fork Force Main Connection at Shaft 4

The Allen Fork FM alignment could be extended an additional 8,200 feet to Shaft 4. This would require 5,000 feet of FM (20-inch for Scenario A or 30-inch for Scenario B) and 3,200 feet of gravity sewer (18-inch for Scenario A or 30-inch for Scenario B) from the common point shown in Figure 3-19. The additional force main and sewer would continue west in the right-of-way of Burlington Pike requiring

more traffic control, pavement restoration, and occasional utility crossings; but the entrance of flow into Shaft 4 would be easier than Shaft 3 (as is discussed later in Section 3.5). The estimated capital cost of the force main and sewers would be \$3.5 million for Scenario A and \$5.8 million for Scenario B. There would also be additional costs for O&M, sewer cleaning, CCTV, and energy from the additional head loss on the PS. However, evaluation of this alternative in more detail is beyond the scope of this BCE.

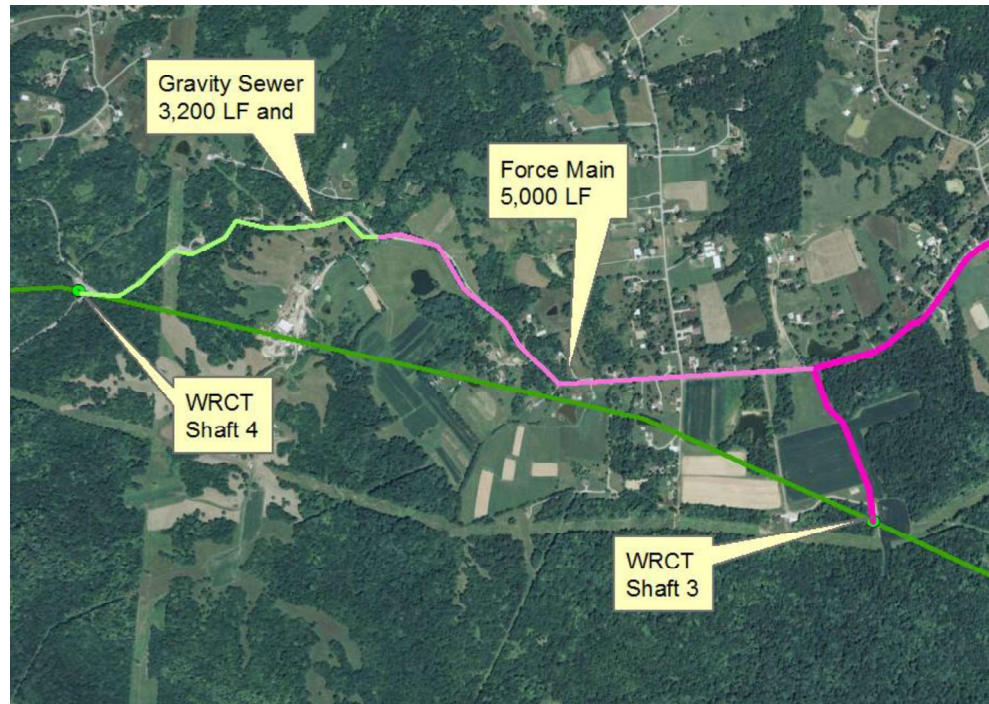


Figure 3-19: Additional Sewer to Shaft 4

Shaft 4 is located on 0.25 acres of SD1-owned land. There appears to be enough space for a screening and grit removal facility as shown in Figure 3-20. The largest benefit with using Shaft 4 as the tie-in location is depth. As shown in Appendix 06, the existing grade and invert are approximately 655 and 550. This 105 feet drop is less than Drop Shaft 1, where a working vortex system is being used, and is within the known capabilities of an IPEX vortex flow insert.



Figure 3-20: Shaft 4 (Map)

3.8 Ethans Glen WWTP Alternatives

Ethans Glen is a small WWTP that currently only serves a few customers. It is located at the rear of a subdivision where most of the original homes were purchased and demolished when the new east-west runway was constructed at CVG Airport. Based on Owen Electric bills from 2015 and 2016, the energy costs are approximately \$1,100 per year. No work order or O&M costs were provided for Ethans Glen WWTP; however, it is assumed to be no more than a few thousand dollars per year. The projected 2050 peak flow within the Ethans Glen drainage basin is 0.28 mgd.

3.8.1 Eliminate by Gravity to Alignment Option B.1

As discussed in Section 3.3.1, under Alternative B.1, Ethans Glen WWTP could be eliminated with 6,200 feet of 10-inch gravity sewer from the WWTP west through forested area along Woolper Creek to the Alternative B.1 gravity sewer. This elimination sewer would be located on steep terrain, through mature trees, and have several major creek crossings. For reasons stated above and mentioned in Appendix 03, it was determined to be too costly to eliminate this WWTP using Alternative B.1.

3.8.2 Eliminate with a Pump Station or Grinder Pumps

3.8.2.1 Small Pump Station

An access road to the WWTP exists and the site is already cleared, as shown in Figure 3-21. The existing WWTP can be eliminated by replacing it with a small duplex PS and new force main. A FM could be constructed from the new PS to MH 2391321, requiring approximately 4,900 linear feet with 65 feet of elevation gain. The majority of the FM would be located in the right-of-way, and easement acquisition

should be limited. The nearly one-mile distance with only a few homes would likely be a problem due to long retention times and long periods with no flow in the pipe, which could lead to solids settling out in the line. Periodic flushing with supplemental water would likely be necessary to keep the line cleaned out. Odor control would also most likely be required.



Figure 3-21: Ethans Glen WWTP

3.8.2.2 Grinder Pumps and Low Pressure Sewers

Another alternative would be to install individual grinder pumps for the existing customers and approximately 5,000 linear feet of low pressure sewer that discharges approximate to MH 2391321. The nearly one-mile distance with only a few homes would likely be a problem due to long retention times and long periods with no flow in the pipe, which could lead to solids settling out in the line. With only a few grinder pumps, adequate velocity to flush the line may rarely or never occur; since the low pressure sewer would need to be sized to avoid excessive friction losses due to the long length. Flushing connections would be needed, and periodic flushing would be necessary to keep the line cleaned out. Odor control would also most likely be required. Presumably, SD1 would be responsible for operation and replacement of the grinder pumps as well as the low pressure sewer.

3.8.3 Keep Existing WWTP

The last alternative is continuing to operate the existing Ethans Glen WWTP and do nothing. There may be other non-economic factors that make elimination seem prudent, but given the records for energy and O&M cost for the existing WWTP, it does not appear to be cost-effective to eliminate the WWTP.

3.9 Brentwood PS Elimination

3.9.1 Eliminate by Gravity to Alternative B.1

As discussed in Section 3.3.1, under Alternative B.1, Brentwood PS could have been eliminated with a short section of gravity sewer that would route flow from the site of the existing Brentwood PS to the Alternative B.1 gravity sewer. However, for reasons stated above and mentioned in Appendix 03, it was determined not worth the investment for Alternative B.1 to eliminate this PS. Brentwood PS is a small duplex station built in the 1990s. The energy and O&M costs are approximately \$2,000 per year and the PS looks to be in good shape. Thus, the recommendation is to continue operating Brentwood PS as is.

4. Recommendations

4.1 Feasible Alternatives

Table 4-1 shows the estimated capital costs and net present value (NPV) of each feasible alternative considered. Alternative C has the highest capital costs and NPV of these. Relative to the three lowest-cost alternatives, NPV of Alternative C is approximately \$40 million higher; and NPV of Alternatives A.1 and A.2 are approximately \$15 million higher. Alternative C costs are high due to capital costs of the Tunnel and related shafts. The primary reason for the higher cost of Alternatives A.1 and A.2 is the cost of a new or parallel Taylorsport FM, which is five miles long. Thus, Alternatives A.3, B.2, and B.3 remain as feasible, cost-effective options. The estimated capital and NPV costs of these three alternatives are within 5% of each other, which is too close to rule out any of these alternatives based solely on costs without a more detailed evaluation. This is especially true considering the high-level assumptions used in estimating future odor control costs, which account for approximately 20% of the NPV of each alternative. Thus, the relative costs of the three cost-effective alternatives could change with different assumptions regarding future odor control costs.

Table 4-1: Costs of All Feasible Alternatives

Scenario	Alternative	Estimated Capital Cost (2016 Dollars)	Approximate 35-year NPV
A	A.1	\$97,100,000	\$87,300,000
	A.2	\$94,200,000	\$85,400,000
	A.3	\$69,600,000	\$71,500,000
B	B.1	N/A	N/A
	B.2	\$73,200,000	\$72,600,000
	B.3	\$75,700,000	\$75,000,000
C	C	\$127,900,000	\$110,700,000

Thus, although Alternatives A.1 and A.2 are most consistent with the Watershed Plans, these are not cost-effective and are not recommended. On the other extreme, Alternative C, which deviates most from the Watershed Plans, is also not cost effective or recommended. Selection of any one of Alternatives A.3, B.2, or B.3 is defensible. A comparison of various quantities and values for each of these cost-effective alternatives and the favorability of each is presented in Table 4-2. While this table is presented to help better compare the alternatives, it should be noted that all these factors have been considered and accounted for in the alternatives' cost estimates. Thus, the relative favorability of each alternative as presented in the table is not independent of the costs for these alternatives. As mentioned previously, Appendix 04 presents these and various other non-economic advantages and disadvantages of each

alternative. The key advantages and disadvantages for the cost-effective alternatives are summarized in Table 4-3.

Table 4-2: Comparison of Cost-Effective Alternatives

Alternative	Major Creek Crossings	Minor Creek Crossings	Length Within 50' of Major Creek (lin. ft.)	Length with Depth >15' (lin. ft.)	Length Impacting Mature Trees (lin. ft.)	New Easements Required	Length within Road ROW (lin. ft.)*	Length Under Pavement (lin. ft.)	Major Road Crossings	Length within Farmland (lin. ft.)***	Water Main Crossings
A.3	12	13	11,100	2,600	16,100	10	24,100	12,500	5**	7,500	2
B.2	15	34	26,800	9,300	20,100	31	11,500	8,100	5	7,500	10
B.3	12	19	10,400	5,700	13,900	16	11,000	10,900	7	10,100	6

Notes:

Green shading = favorable; yellow shading = moderate; red shading = unfavorable.

* Installation within road right of way has pros and cons, so favorability of installation in ROW is debatable.

** Alternative A.3 major road crossings include I-275 and North Bend Road.

*** Installation within farmland has pros and cons (e.g. when compared to installation in road ROW), so favorability of shorter lengths in farmland is debatable.

Table 4-3: Key Non-economic Advantages and Disadvantages of Cost-Effective Alternatives

Alternative	Key Advantages	Key Disadvantages
A.3	- Less environmental impact - More straightforward pipeline design and construction - Lower risk from unknowns (e.g. rock excavation, easement acquisition, etc.)	- More traffic disruption and public disturbance - Requires EQ storage and EQ PS at Taylorsport PS - Flow continues to Dry Creek WWTP - Most air valves (ARVs)
B.2	- Eliminates Bullittsville PS - Avoids major upgrades at Taylorsport PS (incl. EQ) - Allows for most additional development along gravity sewer alignment in Boone County south of I-275 - Redirects Bullittsville flow to Western Regional WRF	- High environmental impact, including extensive construction along creeks - Deep excavation in rock - Most easements - Difficult access for O&M - Overall highest risk and potential for cost overruns - Initial improvements at Bullittsville PS are a lost investment
B.3	- Least environmental impact, incl. major creeks - Avoids major upgrades at Taylorsport PS (incl. EQ) - Allows for some additional development along gravity sewer alignment in Boone County south of I-275 - Gravity sewer alignment is flexible and could be constructed as descending force main to reduce cost - Redirects Bullittsville flow to Western Regional WRF	- Heavily reliant on cooperation of 2 property owners to obtain easements - Expensive gravity sewer construction with limited future service area

4.2 Preferred Alternatives

Alternatives A.3 and B.2 appear to be slightly less expensive than the other cost-effective alternative. Also, Alternative B.2 may present more opportunities to reduce SD1's net costs through cost-sharing, due to the ability to serve additional areas in Boone County south of I-275 that currently are not expected to develop by 2050. However, it should be noted that, for this BCE, this sewer and its receiving infrastructure (e.g. Allen Fork PS) have not been sized to serve these additional areas (neither have the improvements for Alternative B.3). Thus, the cost of these alternatives would likely be even higher if the infrastructure were sized for additional development not anticipated (by 2050) in the Watershed Plans.

Alternative A.3 is an entirely reasonable alternative if SD1 is amenable to installing a 0.55-Mgal EQ storage facility and EQ pump station at Taylorsport PS. However, depending on SD1's and Boone County's priorities, Alternative B.3 may be the preferred alternative, as it seems to offer the most advantages and fewest disadvantages at a comparable cost. Also, as noted in Table 4-3, this alternative offers the flexibility to construct a force main most of the way from Bullittsville PS to the future Allen Fork PS, thereby reducing the length of gravity sewer required, reducing the depth of the pipe (and associated rock excavation), and allowing much more flexibility in the pipeline alignment. Thus, this alternative seems to offer the most opportunity to reduce the overall costs and avoid cost overruns.

A couple key components of overall cost to SD1, which were not evaluated in this BCE, are current and future wastewater treatment costs at Dry Creek WWTP and Western Regional WRF and treatment capacities at these facilities. Based on these facilities' ages, conditions, rated capacities, complexity of future expansions, and other noneconomic factors, the cost associated with treating wastewater from Bullittsville PS could be significantly different at these facilities. Thus, treatment costs and related considerations may be important factors in making the final decision of whether to proceed with Alternative A.3 or one of the Scenario B alternatives (i.e., B.2 or B.3). Based on preliminary information regarding electrical costs at these facilities, it appears that electrical costs to treat flow at Western Regional WRF are significantly higher per MGD treated than at Dry Creek WWTP. However, it appears that this cost differential is likely not enough to rule out either Alternative B.2 or B.3.

The final decision of which of these alternatives to select should be made by SD1 after fully vetting the advantages and disadvantages of each, discussing the project with Boone County and other stakeholders, considering treatment costs, and more-detailed evaluation of future odor control costs for the preferred alternatives.

4.3 Drop Shaft Design

Hazen's recommendation for the drop shaft design at access Shaft 3 is to plan on the vortex drop shaft system, but this decision should be further evaluated during design based on a more thorough structural evaluation of the access shaft and the state of the different technologies at that time (especially the vortex and baffle/cascade systems). According to the AECOM memorandum, a tunnel project (Blacklick Creek Sanitary Interceptor) with two vortex drop systems and one baffle/cascade system was bid in 2015. Once that is constructed, SD1 could consult with the City of Columbus, Ohio, on their design criteria, engineering, construction costs, and experience with each system. If the 285-foot depth of Shaft 3 is

determined to be infeasible or much more expensive than currently anticipated, it may be preferred or even necessary to discharge the flow from the new Allen Fork PS into Shaft 4 (105 feet deep).

4.4 Phasing, Schedule and Budgetary Outlay

Tables 4-4 and 4-5 show the preliminary schedule and cost/budgetary outlay for Alternatives A.3 and B.3, including consideration of likely design and construction schedules. The schedule and budget outlay for Alternative B.2 would be very similar to B.3. Design costs are assumed to be 13% of total capital cost and include the engineering, legal, finance, easements, and administrative costs. Construction costs are approximately 86% of total capital cost and include construction, field engineering, and a contingency. Some of these costs span multiple years and were split accordingly. The schedule corresponds to the Project Phases chart on the Project Sheets in Appendix 04. As stated earlier in this report, the timeline for improvements is based on a linear interpolation of projected flows between 2016 and 2050.

Table 4-6 presents a summary of the total capital costs of Alternatives A.3, B.2, and B.3, including all years used in developing the LCC. These total costs are split into design, easement acquisition, construction administration and inspection, and construction.

Table 4-4: Alternative A.3 Schedule and Cost/Budget Outlay

Fiscal Year	Approximate CIP Cost Outlay	A.3 Activity
2016		
2017	\$490,000	Allen Fork PS Upgrades (design)
2018	\$4,370,000	Allen Fork PS Upgrades (construction), Bullittsville, Tanner Rd. Sewer (design)
2019	\$7,160,000	Initial Bullittsville PS & Tanner Rd. Sewer (construction)
2020		
2021		
2022	\$1,870,000	Drop Shaft, Allen Fork PS, FM, and Gravity Sewer (design)
2023	\$4,090,000	Drop Shaft, Allen Fork, Bullittsville PS, FMs, and Taylorsport Upgrade (design)
2024	\$21,320,000	Drop Shaft, Allen Fork, Taylorsport Upgrade (construction), Bullittsville (design)
2025	\$19,610,000	Drop Shaft, Allen Fork PS, Taylorsport Upgrades, and Bullittsville (construction)
2026	\$7,090,000	Bullittsville PS and FM (construction)
2027		
2028		
2029		
2030		
2031		
2032		
2033	\$160,000	Taylorsport EQ (design)
2034	\$460,000	10-YR Taylorsport PS Improvements, and Taylorsport EQ (design)
2035	\$2,200,000	Taylorsport EQ (construction)
2036		
2037		
2038		
2039		
2040	\$300,000	15-YR Allen Fork PS and Screening Improvements
2041		
2042	\$200,000	15-YR Bullittsville PS Improvements
2043		
2044	\$300,000	10-YR YR Taylorsport PS Improvements
2045		
2046		
2047		
2048		
2049		
2050		

Table 4-5: Alternative B.3 Schedule and Cost/Budget Outlay

Fiscal Year	Approximate CIP Cost Outlay	B.3 Activity
2016		
2017	\$490,000	Allen Fork PS Upgrades (design)
2018	\$4,430,000	Allen Fork PS Upgrades (construction), Bullittsville & Tanner Rd. (design)
2019	\$7,570,000	Initial Bullittsville PS and Tanner Rd. Sewer (construction)
2020		
2021		
2022	\$2,710,000	Drop Shaft, Allen Fork PS, FM, and Gravity Sewer (design)
2023	\$3,990,000	Drop Shaft, Allen Fork PS, Bullittsville PS, FMs, and Gravity Sewers (design)
2024	\$19,400,000	Drop Shaft, Allen Fork (construction), Bullittsville (design)
2025	\$26,710,000	Drop Shaft, Allen Fork (construction), Bullittsville (construction)
2026	\$8,590,000	Bullittsville PS, FM and Gravity Sewer (construction)
2027		
2028		
2029		
2030		
2031		
2032		
2033	\$70,000	
2034	\$70,000	Taylorsport PS Improvements (design)
2035	\$870,000	Taylorsport PS Improvements (construction)
2036		
2037		
2038		
2039		
2040	\$400,000	15-YR Allen Fork PS and Screening Improvements
2041	\$200,000	15-YR Bullittsville PS Improvements
2042		
2043		
2044		
2045		
2046		
2047		
2048		
2049		
2050	\$200,000	15-YR Taylorsport PS Improvements

Table 4-6: Categorical Costs of Preferred Alternatives

	Alt. A.3	Alt. B.2	Alt. B.3
Design (Preliminary and Final)	\$9,051,000	\$9,514,000	\$9,839,000
Easement Acquisition	\$357,000	\$542,000	\$508,000
Construction Administration & Inspection	\$6,022,000	\$6,313,000	\$6,534,000
Construction	\$54,194,000	\$56,814,000	\$58,802,000
TOTAL CAPITAL COST (2016 DOLLARS)	\$69,600,000	\$73,200,000	\$75,700,000

4.5 Next Steps

The most immediate improvement needs for the study area are the initial Bullittsville improvements (including Bullittsville PS upgrades, FM pigging, additional air valves on the Bullittsville FM, and EQ storage at Bullittsville PS) and Allen Fork improvements (including Allen Fork PS upgrades, southern Burlington sewer reroute, and Burlington PS and FM improvements). It is recommended that SD1 begin design and commence construction of these improvements as soon as practicable to alleviate existing SSOs and provide capacity for immediate planned development. The initial Allen Fork PS improvements are described in more detail in Appendix 07 – Burlington and Allen Fork PS Improvements, but would generally consist of the following:

- Upgrade Allen Fork PS pumps to 4 mgd capacity
- Construct southern Burlington sewer re-route
- Upsize remaining 12-inch Burlington FM along KY18 to 24-inch
- Replace Burlington PS pumps.

Initial improvements at Bullittsville PS cannot be placed into operation until the Tanner Road sewer improvements currently under design have been completed, which is scheduled for 2018. In conjunction with that project, and to be completed at approximately the same time, the initial Bullittsville PS upgrades would be as follows:

- Construct approximately 220,000 gallons of above-ground EQ storage and additional pumping capacity to pump into the EQ storage.
- Upgrade the pump station to achieve 3.0 mgd firm capacity.
- Pig the existing FM to reduce the head loss.
- Install additional air valves (ARVs) on the FM at high points with trapped air pockets as identified by the previous Sahara inspection.

Once Allen Fork PS and Bullittsville PS initial upgrades are complete, there would be around five years before the new Allen Fork PS would be needed (by circa 2026). However, due to the number of

easements needed and construction difficulty of the Allen Fork gravity sewer elimination, it is recommended that SD1 begin preliminary engineering by 2022, including evaluating specific alignment routes, land acquisition negotiations, and USACE and Fish and Wildlife discussions.

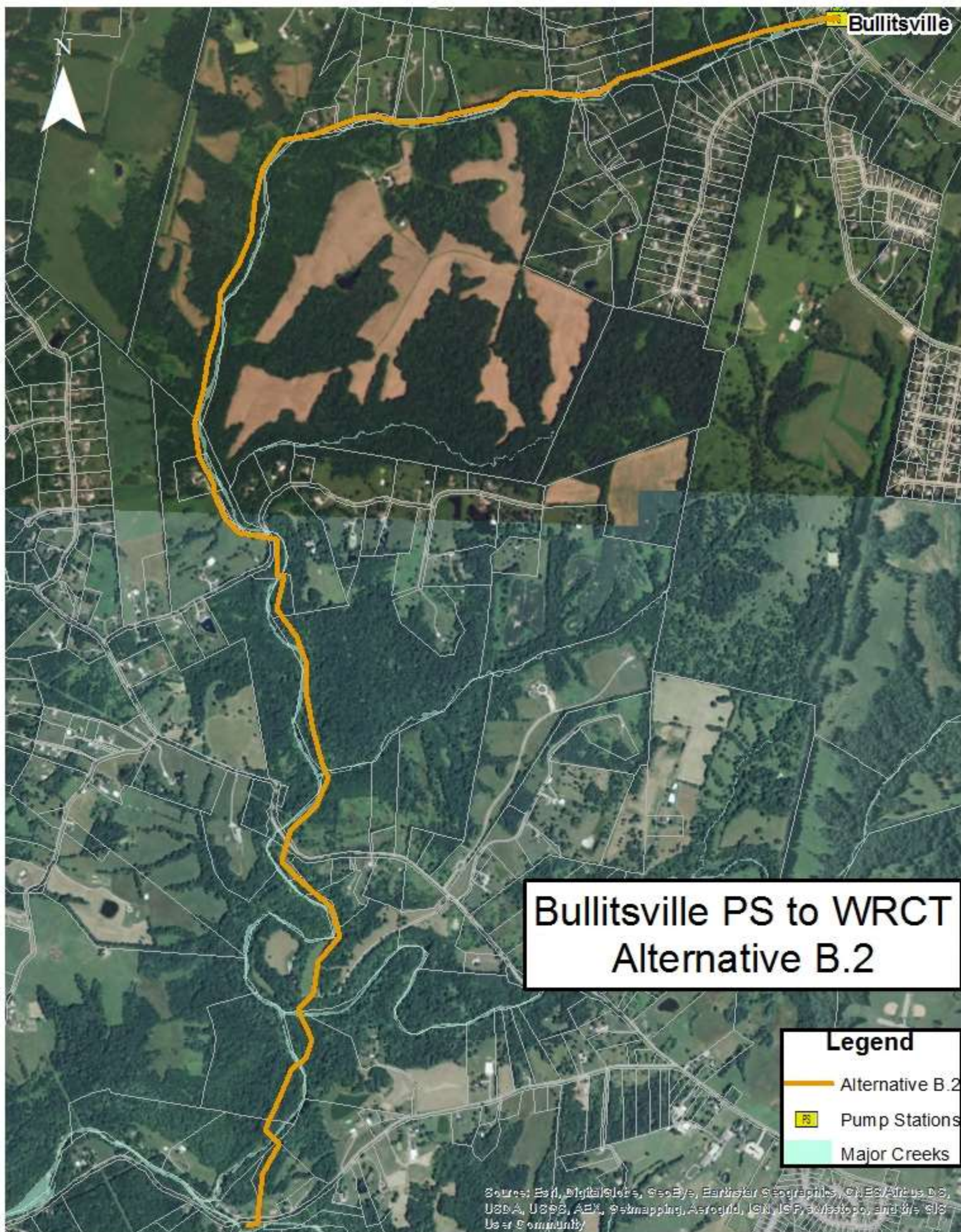
Since Western Regional WRF and Dry Creek WWTP capacities and treatment costs were not considered in this BCE, SD1 should consider the potential impact they would have on overall costs associated with each of the preferred alternatives. If the 7 mgd peak flow (or the corresponding average flow) from Bullittsville PS would be enough to require additional future treatment upgrades at one facility but not the other, that could clarify which alternative is truly most cost-effective. Also, a more careful evaluation of relative treatment costs at the two facilities may influence the final decision of which alternative to implement.

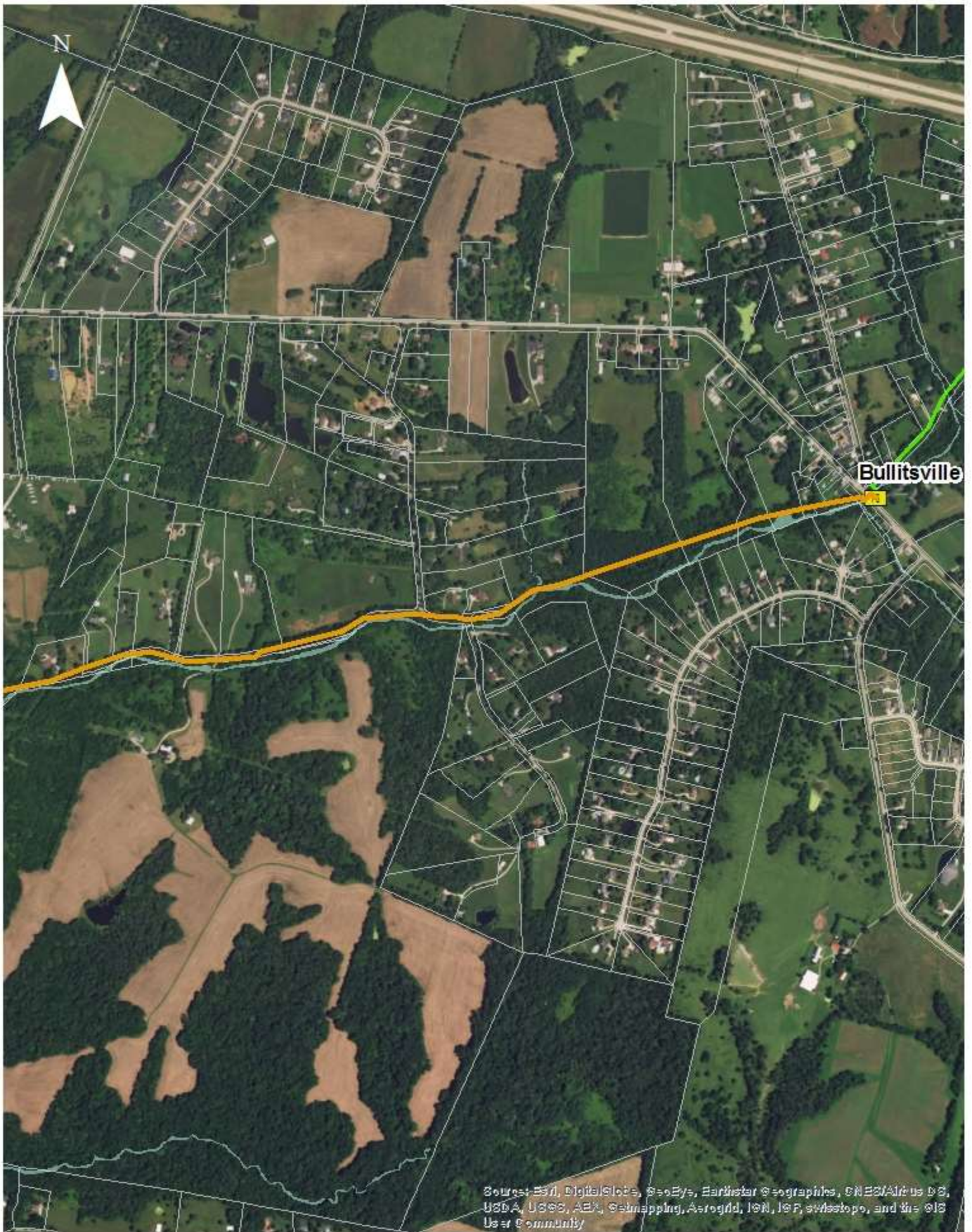
SD1 may also want to coordinate with its contracted odor-control provider to further refine the future odor control cost estimates for Alternatives A.3, B.2, and B.3, which might help to select the best alternative. Another option that SD1 might want to investigate before making a final alternative selection is installation of force main, rather than gravity sewer, under Alternative B.3 for the first ~9,500 feet of proposed gravity sewer alignment through the farmland and Children's Home properties. This might offer significant cost savings.

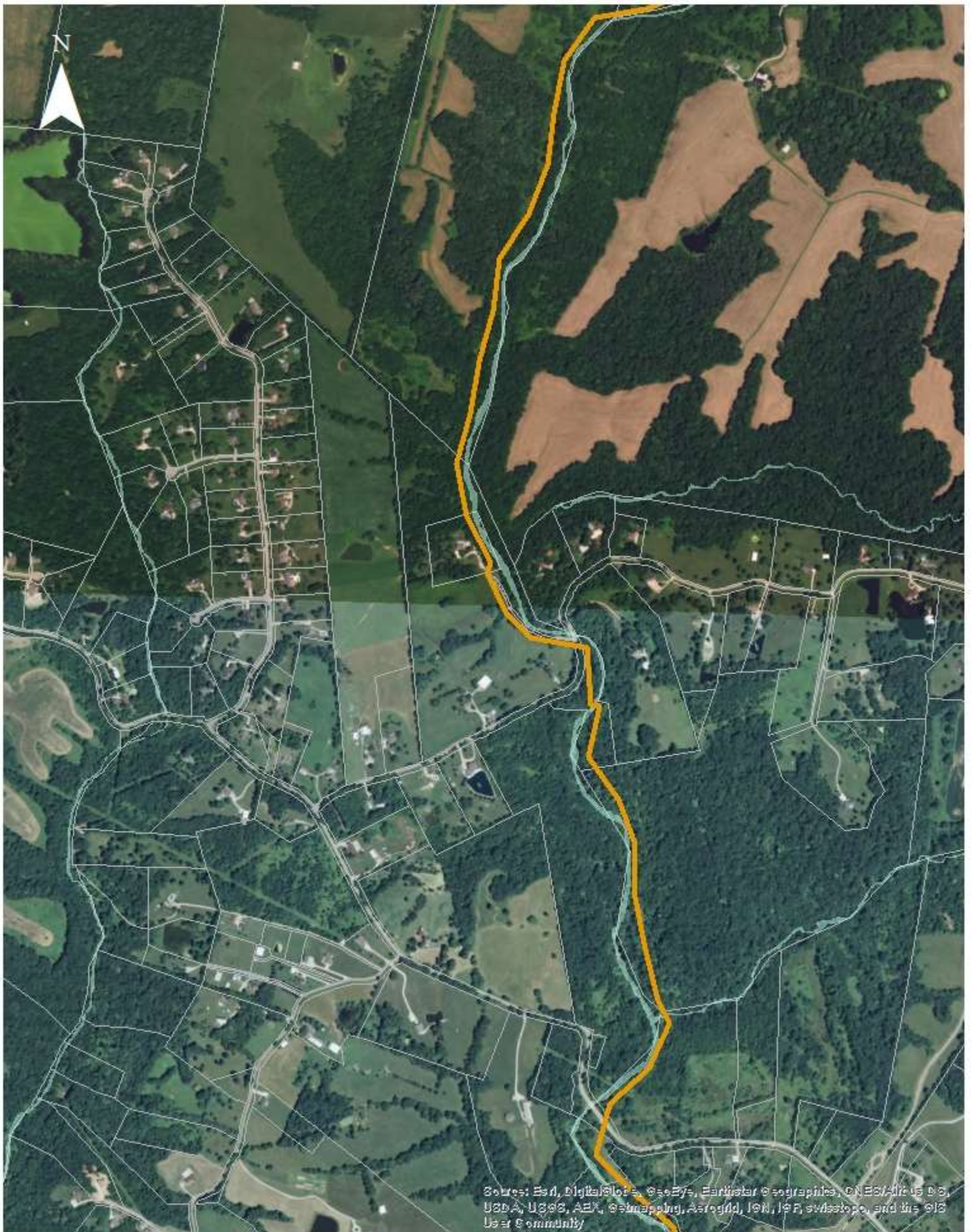
We understand that SD1 will be meeting with Boone County to discuss this BCE and implications of each of the preferred alternatives on future development. These discussions will be important in making a final decision about these improvements.

If Alternative B.2 or B.3 is selected, it is also recommended that SD1 begin land acquisition negotiations for the gravity sewer from Bullittsville PS to the new Allen Fork PS (e.g. with the owners of the farm at 3439 Bullittsville Road and the Children's Home of Northern Kentucky for Alternative B.3) at approximately the same time or shortly thereafter (e.g. not later than 2023), as easements will be critical to these alternatives.

Appendix 01: Scenario B Maps





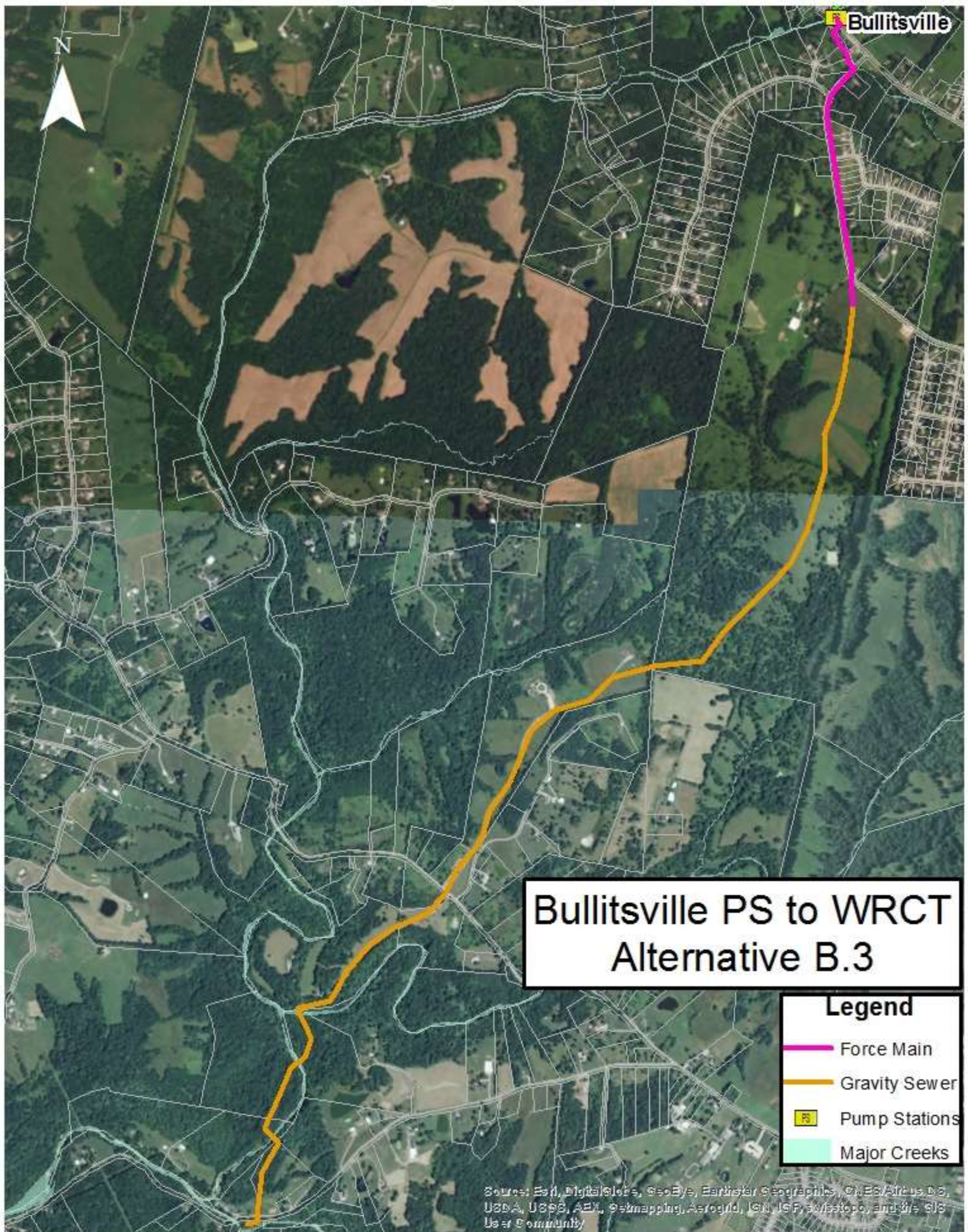


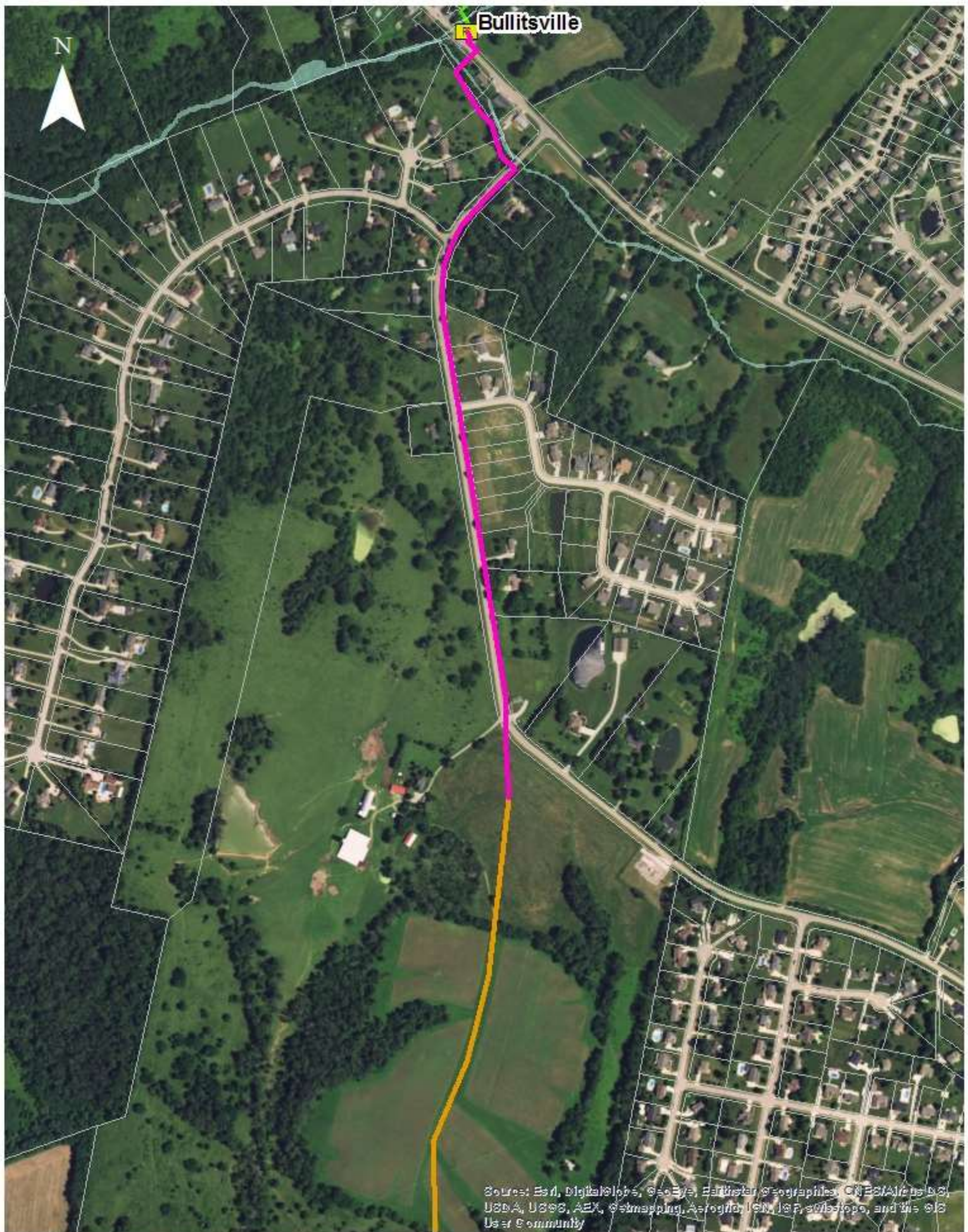
Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, IGA, swisstopo, and the GIS User Community



New Allen Fork PS

Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, Aero, GeoMapping, AeroGRID, IGN, IGP, and the GIS User Community

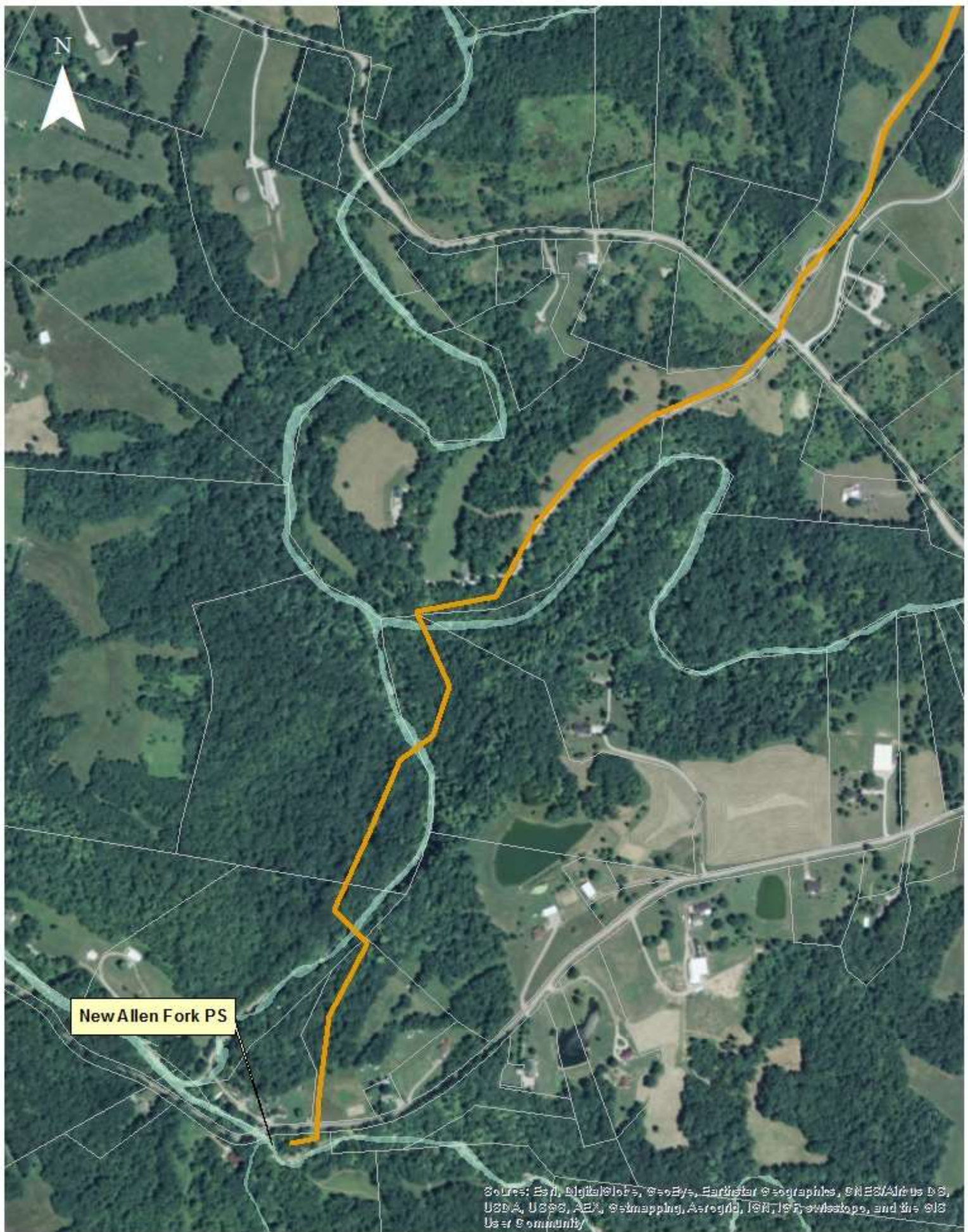




Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, IGP, swisstopo, and the GIS User Community

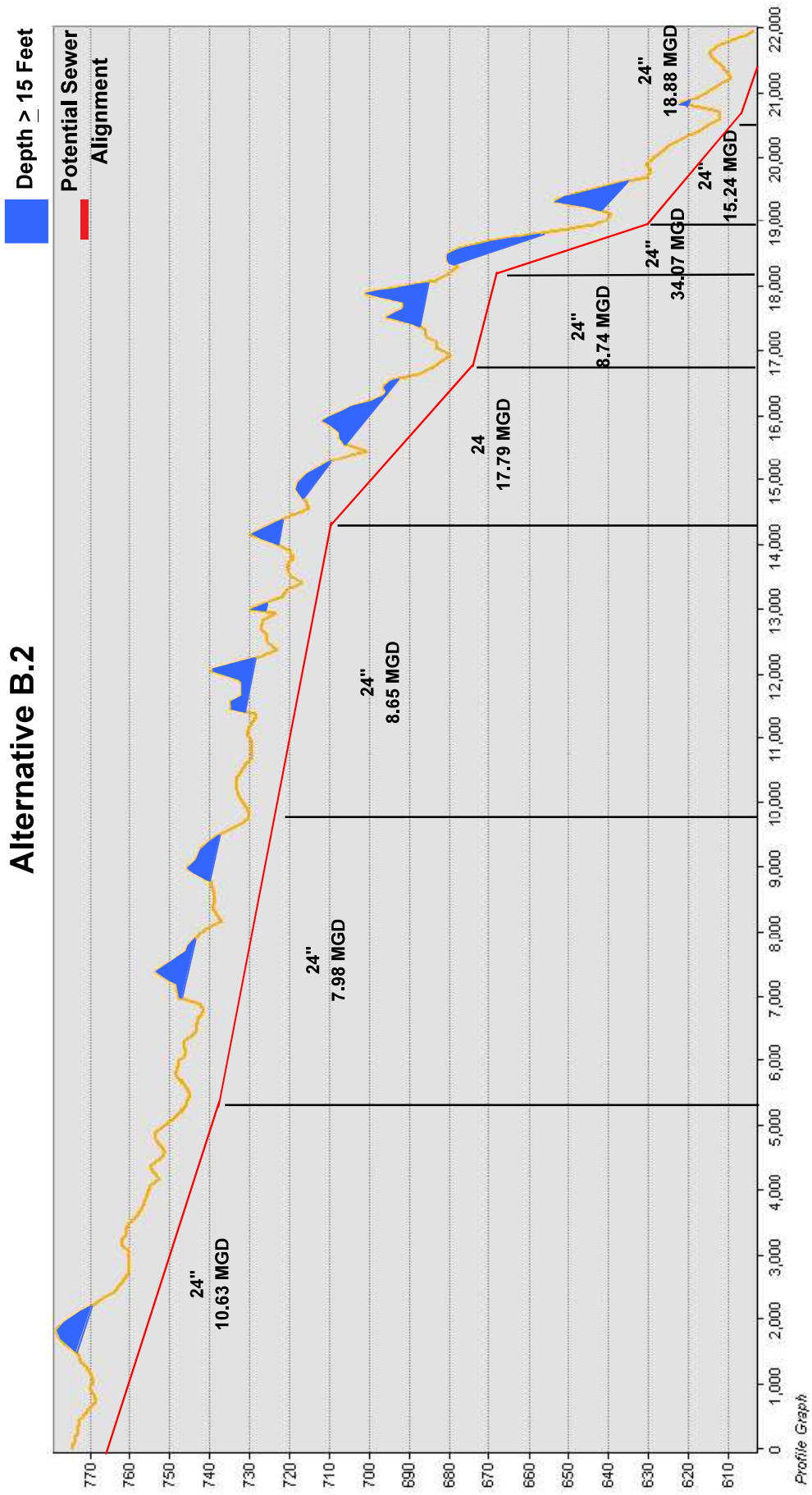


Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS,
USDA, USGS, AeroGRID, IGN, SRA, Swire, and the GIS
User Community



Appendix 02: Profiles

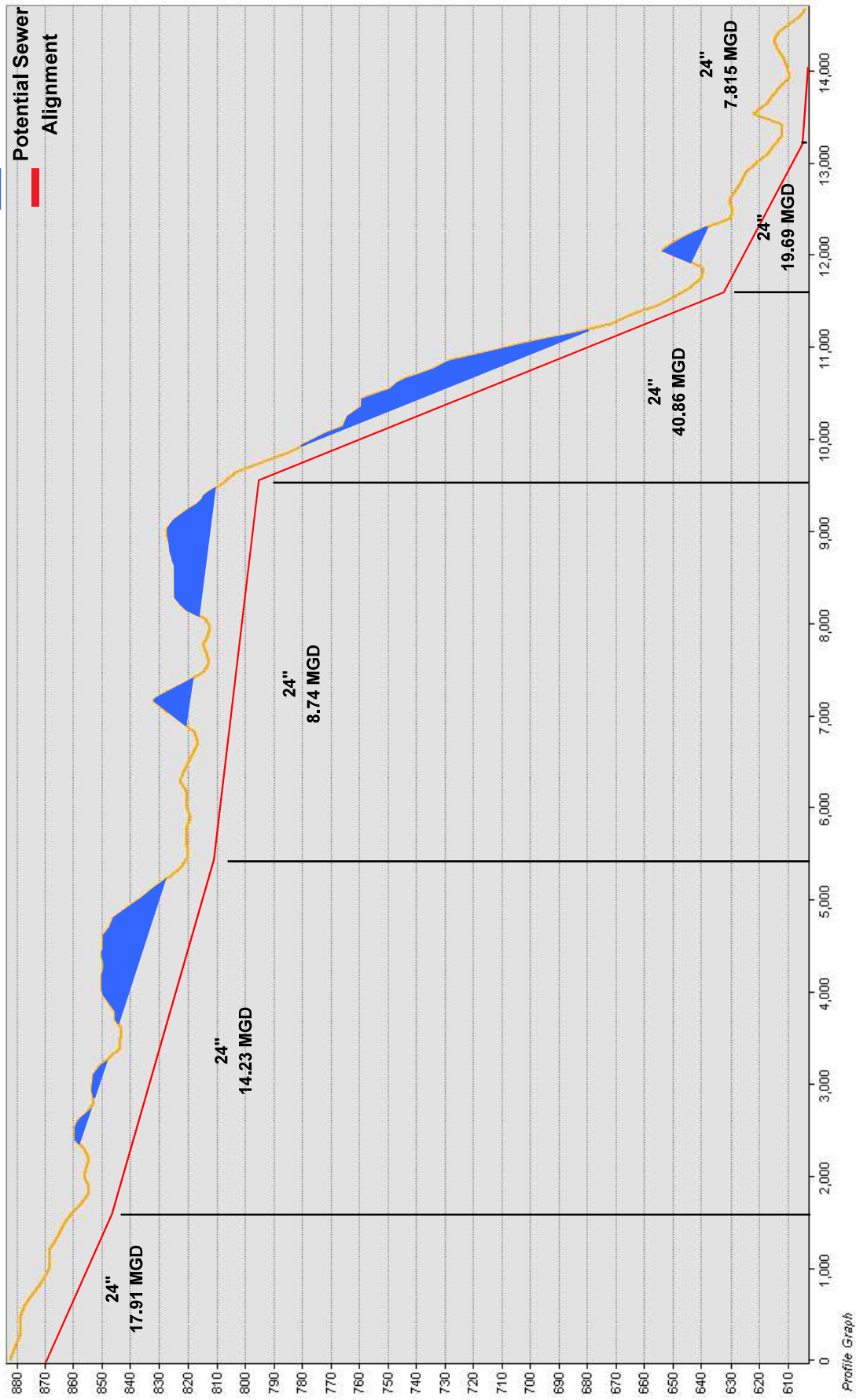
Alternative B.2



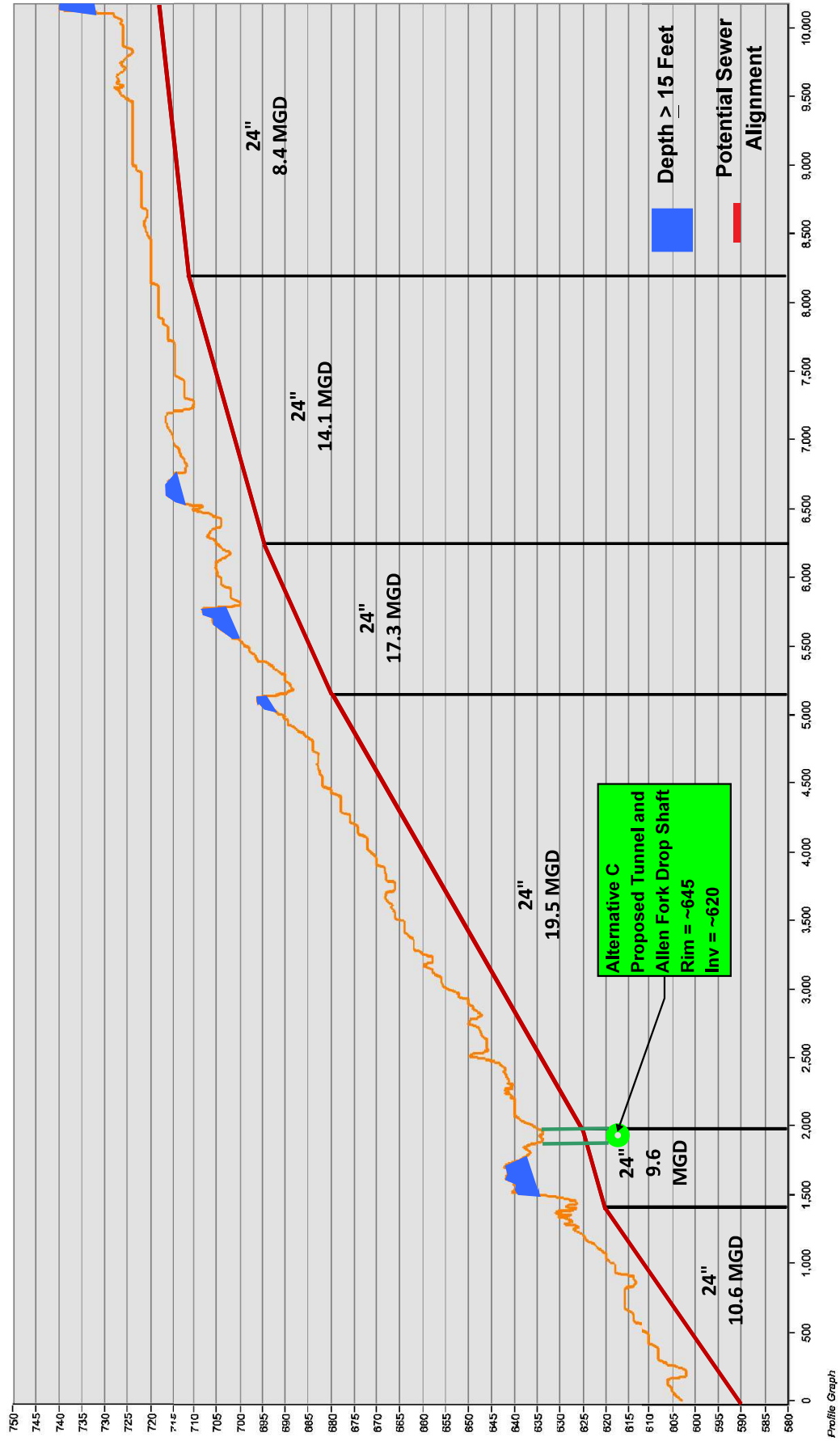
Appendix 02

Alternative B.3

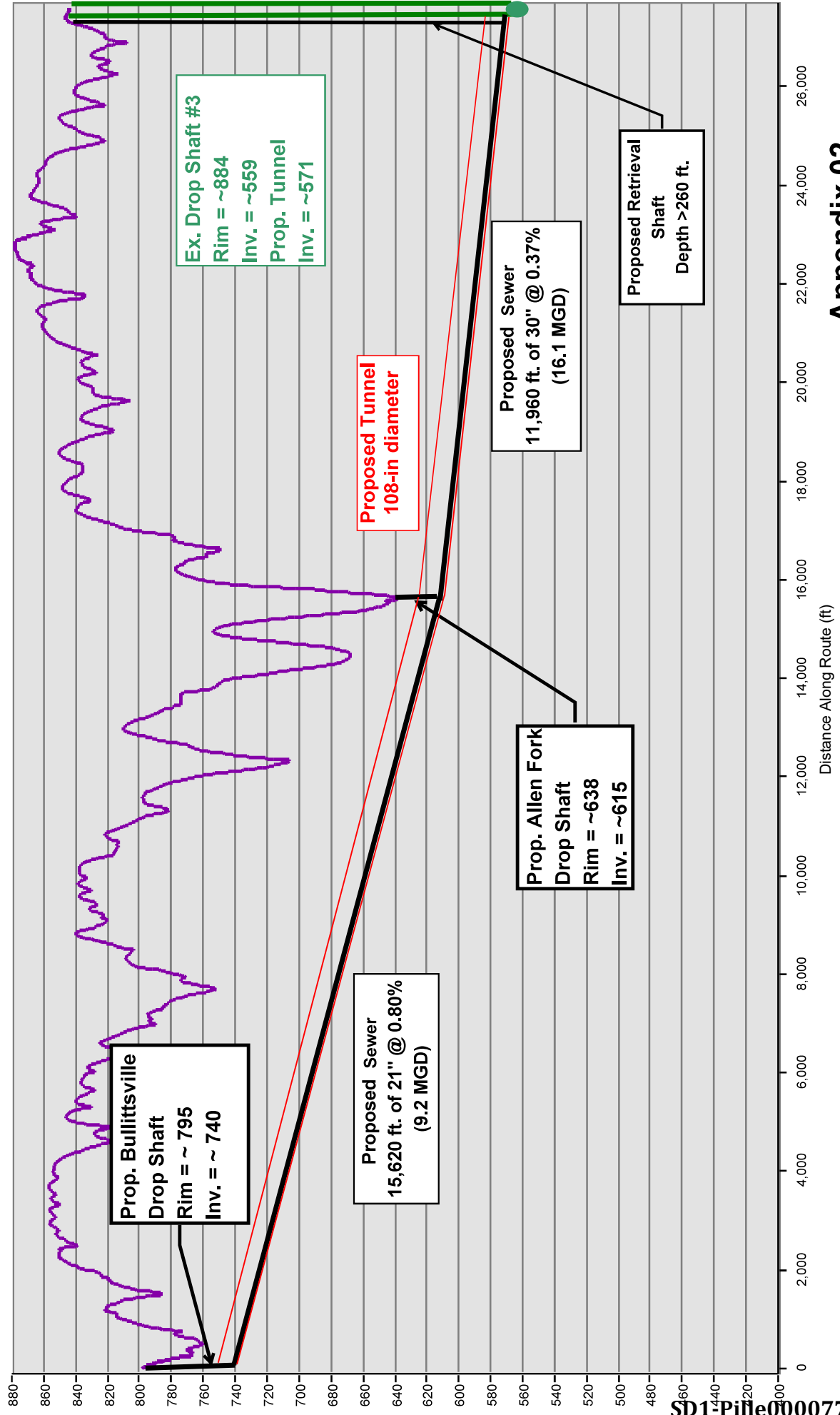
Depth > 15 Feet
 Potential Sewer
 Alignment

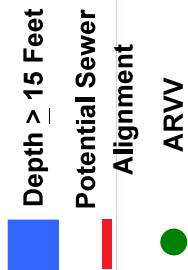


Allen Fork Gravity Sewer Elimination

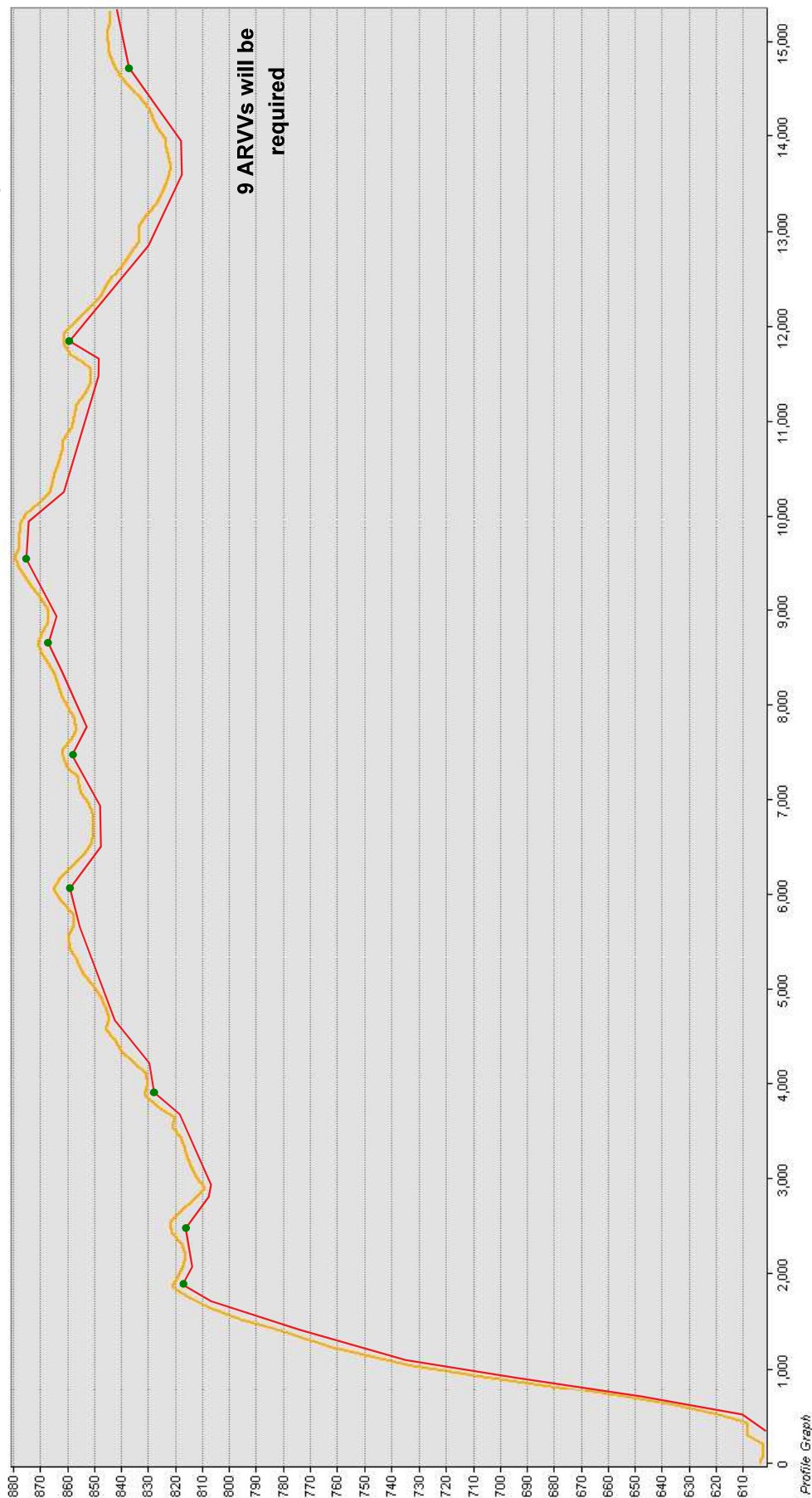


Alternative C - Proposed Tunnel Sewer





Allen Fork Force Main



Appendix 03: Elimination Alternative B.1

APPENDIX 03

Removal of Alternative B.1

The following document was transmitted to SD1 during the evaluation as justification for removal of Alternatives B.1 and B.2 (new Bullittsville PS and FM on east, and gravity sewer on west). After discussions with SD1 and realizing the savings on O&M and energy cost, as well as other benefits, it was decided to continue evaluating the gravity sewer elimination option, B.2 with the BCE. The justification for elimination of B.1 is still valid.

Bullittsville Flow BCE

Reasons to eliminate WRCT Alternatives B.1 and B.2 from further consideration and focus on WRCT Alternative B.3 and Taylorsport PS Upgrade options.

WRCT Alternative B.1

Alternative B.1 would be a new 7.0 MGD Bullittsville PS, new 20-inch FM, followed by 14,200' of gravity sewer that roughly follows an unnamed creek. There is plenty of fall along the proposed gravity sewer alignment (~260 feet or 1.5%), so an 18" or 21" would be adequate.

What makes Alternative 1 less desirable is its proximity to an unnamed creek and amount of trees to be cleared. It would be possible to stay mostly on the western side of the creek and only make a dozen minor creek crossings. However, the excavation would frequently be on rocky slopes and in heavily wooded areas.

1. In addition to difficult construction, a sewer this close to a creek and trees will likely have inflow and infiltration problems, root issues, and be difficult to CCTV and clean frequently.
2. There is one particular Oxbow section of the creek that would require ~1,500' of extra sewer and many MHs to get around the meandering bend. It may be possible to HDD under the ridge to avoid the oxbow, but access would be difficult and the ridge is most likely hard bedrock. **See Figure 1.**
3. Clearing trees is always undesirable, but it is particularly troublesome for Alternative B.1.
 - Over 60% of the alignment goes through mature trees.
 - The presence of the Indiana Bat - this is an USFWS endangered species known to live in Boone County and according to KY FWD, "floodplain and riparian forests are important habitats." This could add to the cost of design and construction of this alternative.
 - It would be difficult to remove the fallen trees from the excavation. Getting all the equipment and materials to the excavation site would be difficult so hauling out large trees and root systems would add to that.
4. Alternative B.1 is the only Option that allows the gravity elimination of both Brentwood PS and Ethans Glen WWTP. However, this advantage really isn't as good as it seems.
 - Brentwood PS could be easily eliminated by ~100' of 8" sewer. However, this PS does not appear to be problematic. It is a small 4" duplex PS built in ~1995 and still has a good appearance. Owen Electric bills showing it costing ~\$1,000 / YR and Lucity shows O&M to cost ~\$900 / YR. Eliminating this PS would save ~\$2,000 / YR in energy and O&M.
 - Ethans Glen WWTP could be eliminated by ~6,200' of 10" sewer, but it would be a difficult endeavor. The sewer would have ~45' of fall (0.7%). Virtually, the entire alignment would be in mature trees, follow the creek, and cross the creek and drainage swales many times. The WWTP only serves a few homes due to the Airport demolishing all the homes in that subdivisions. The same reasons for difficult sewer construction listed in #3 would apply here. If the goal were to remove this WWTP, a PS in the same location (perhaps even reusing the ex. structure) seems to be a better approach. **See Figure 2.** Owen Electric bills showing it costing ~\$1,100 / YR and no O&M costs were found in Lucity. Eliminating this WWTP would save < \$2,000 / YR in energy and O&M.
5. An advantage of Alternative B.1 is, although the alignment is on private property and would require easements, most of the land is not very usable as it is most wooded, sloped, and near a creek.
6. The entire alignment runs through limestone and shale according to the KY Geological Survey. However, this is the case for all 3 alignments, so it is a matter of minimizing the distance and depth of excavation. Alt B.1 has the most line work. **See table 1**

Bullittsville Flow BCE

Reasons to eliminate WRCT Alternatives B.1 and B.2 from further consideration and focus on WRCT Alternative B.3 and Taylorsport PS Upgrade options.

WRCT Alternative B.2

Alternative B.2 would be a new 19,000' of gravity sewer that mostly parallels an unnamed, but decent sized creek (~25' wide). **See Figure 4.** There would be positive fall (~155 feet or 0.7%), but some spots are flatter so the sewer would likely be 30", or perhaps 24" in steeper places.

What makes Alternative 2 less desirable is its proximity to a major creek, the amount of minor creek crossings, and trees to be cleared. It would be possible to mostly stay on the western side of the creek and make ~24 minor creek crossings, but the excavation would frequently be on rocky slopes and in heavily wooded areas.

1. In addition to difficult construction, a sewer this close to a creek and trees will likely have inflow and infiltration problems and root issues. CCTVing and cleaning would still be an issue, but perhaps not as bad as Alt B.1 because the alignment is often within 1,000' – 2,000' from a road.
2. Clearing trees is always undesirable, but it is particularly troublesome for Alternative B.2.
 - Approximately 50% of the alignment goes through mature trees.
 - The presence of the Indiana Bat – the same as Alt B.1
 - Removal of the fallen trees would still be an issue, but not as much as Alt B.1 because the alignment is often within 1,000' – 2,000' from a road.
3. Alternative B.2 crosses private property and would require both more separate and total easements. Alt B.2 also appears it might also require more access easements. **See table 4**
4. The entire alignment runs through limestone. Alt B.1 has the most line work, but Alt B.2 has the most depths greater than 15'. **See Figure 3 and tables 1 & 2.**
5. The biggest advantage of Alternative B.2 would be the elimination of Bullittsville PS. Currently SD1 records show Bullittsville costing annually ~\$20k in odor control, \$10k in O&M, and \$15k in energy. Eliminating this PS would save ~\$45,000 / YR in energy, odor chemical, and O&M under current conditions. However, a newly designed 7.0 MGD PS with new FM would likely reduce that annual cost with a properly designed pumps, wet well, and FM.

WRCT Alternative B.3

Alternative B.3 would be a new 7.0 MGD Bullittsville PS, new 20-inch FM, followed by 11,700' of gravity sewer that cuts through a farm/open field and follows a 2-lane road. There is sufficient fall along the proposed gravity sewer alignment, with some flatter sections, so likely the sewer would be 21", 24" and maybe ~2,000' of 15" due to a very steep section.

What makes Alternative 3 more desirable is it goes through a farm field and open fields and then a road. The amount of creek crossing is less, the amount of trees cleared is less, the amount of easements is less, and the total distance is less. **See tables 1-4.**

The caveat of Alternative B.3 is the same as Alternative B.1. There are 2 property owners that the majority of the both alignments goes through (a total of 3 separate properties – 2 each with 1 shared). If these owners were not agreeable to easements, it would require a 4th alignment. It would be possible, but add difficulty.

Bullittsville Flow BCE

Reasons to eliminate WRCT Alternatives B.1 and B.2 from further consideration and focus on WRCT Alternative B.3 and Taylorsport PS Upgrade options.

	Alt 1	Alt 2	Alt 3
Gravity Sewer length (ft)	20,800	19,200	11,900
Force Main length (ft)	4,300		3,800
Total (ft)	25,100	19,200	15,700

Table 1 – Length of Line work

	Alt 1	Alt 2	Alt 3
Greater than 15'	2300	6700	3100

Table 2 – Length of Line work > 15'

	Alt 1	Alt 2	Alt 3
Major creek crossings	7	4	1
Minor creek crossings	20	24	4
Total	27	28	5

Table 3 – Creek Crossings

	Alt 1	Alt 2	Alt 3
Number of separate easements	10	18	6
Easement footage	14,700	15,600	12,500

Table 4 – Easements Needed

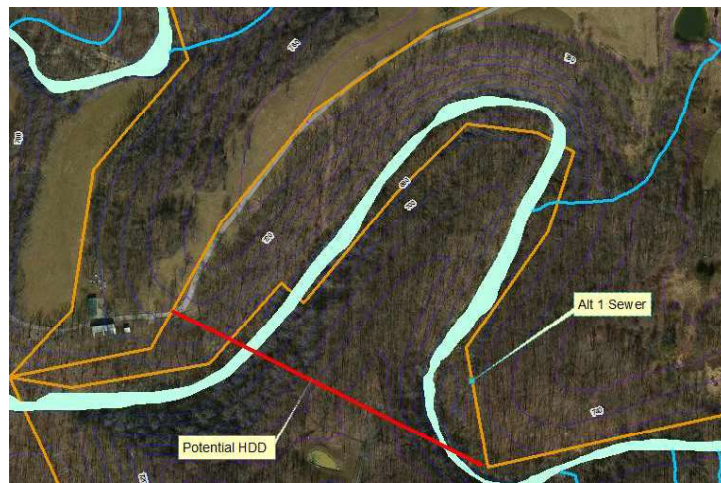


Figure 1 – Alt B.1 Sewer



Figure 2 – Ethans Glenn WWTP Sewer

Bullittsville Flow BCE

Reasons to eliminate WRCT Alternatives B.1 and B.2 from further consideration and focus on WRCT Alternative B.3 and Taylorsport PS Upgrade options.

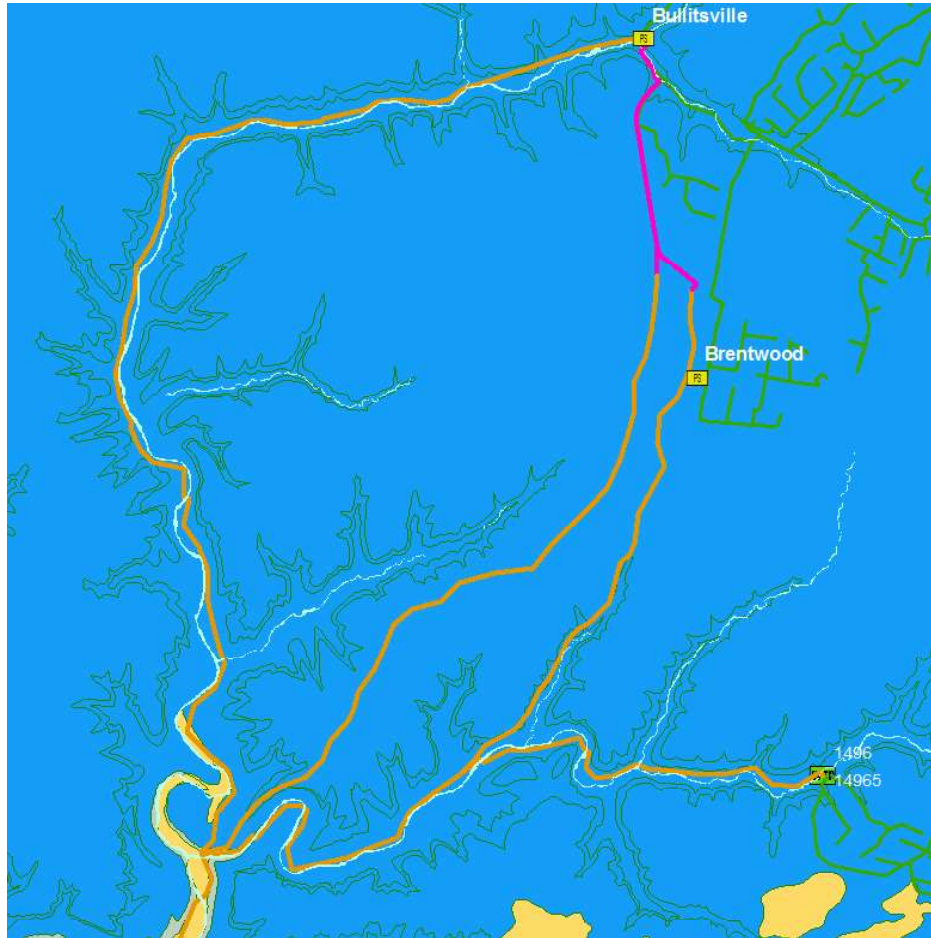


Figure 3 – Lithology of all 3 Alternatives.

Blue = Bull Fork Formation and Fairview Formation (limestone | shale)
Yellow = Alluvium (clay | silt | sand | gravel)



Figure 4 – Creek on Alt B.2

Appendix 04: Project Sheets

Bullittsville Flow Routing - BCE
Alternative A.1 - Bullittsville to Taylorsport PS

Project Phases:	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039	FY2040	FY2041	FY2042	FY2043	FY2044	FY2045	FY2046	Comments
	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	
Initial Allen Fork PS Upgrades																															
Initial Bullittsville PS Upgrades																															
Tanner Rd. Sewer (North Hebron / Sand Run PS)																															
Initial Taylorsport PS Upgrades																															
Drop Shaft with Screening Facility																															
New Allen Fork PS and FM																															
Gravity sewer elimination of ex. Allen Fork PS																															
New Bullittsville PS and FM & Tanner Rd. Sewers																															
New Taylorsport PS and FM																															

Planning/Easement/Permits/Design															Construction										Comments
Project Phases:	Q (MGD)	Size	Length	Minor Creek Crossings	Major Creek Crossings	Major Road Crossings	Water Main Crossing	Powerline Crossings	New Easements Required	Within 50' of Major Creek	Within Mature Trees	Within ROW / ex. Easement	Within Farmland	Under Pavement	Depth > 15'	Required ARVs	Capital Cost (\$M)								
Initial Allen Fork PS Upgrades	4.0																3.79	3 MGD, surge, 220k gal EQ							
Initial Bullittsville PS Upgrades	3.0																5.00								
Tanner Rd. Sewer (North Hebron / Sand Run PS)	-	30	2,880	1	-	-	-	3	-	-	-	2,880	-	2,880	-	-	3.23								
Initial Taylorsport PS Upgrades	13.3																8.89	pumps/electrical to 13.25 MGD							
Drop Shaft with Screening Facility	6.6																8.43								
New Allen Fork FM	6.6	20	15,300	3	1	3	2	6	3	200	500	4,600	7,500	4,600	-	9	5.43								
New Allen Fork PS	6.6																7.74	follows the creek crosses I-275 and North Bend							
Gravity Sewer Elimination of ex. Allen Fork PS	6.6	24	10,200	5	7	-	-	-	6	9,600	9,600	500	-	-	2,600	-	7.19								
Replacement Bullittsville FM	7.0	20	13,400	3	2	2*	-	-	-	300	5,000	13,400	-	2,300	-	13	5.38								
Replacement Bullittsville PS	7.0																7.74	new PS in same location replacement FM with 30" adds 17' of static head							
Upsize Tanner Rd. Sewer	15.4	30	2,830	1	-	-	-	2	-	-	-	2,830	-	2,830	-	-	3.18								
Upsize Taylorsport PS	17.6																15.87								
Upsize Taylorsport FM	17.6	30	26,800	14	1	4	*	*	-	1,200	2,000	-	-	24,000	-	18	11.52								
Additional Taylorsport FM to Dry Creek	17.6	30	6,000	2	2	-	*	*	-	3,000	-	-	-	1,000	-	-	2.87								
Total	-	-	77,410	27	13	7	2	11	9	14,300	17,100	24,210	7,500	37,610	2,600	40	\$ 96.3								

ADVANTAGES	Non-Economic Factors		OTHER CONSIDERATIONS	
	DISADVANTAGES			
Less environmental impact and infiltration (trees cleared and streams crossed) than the new alignments with Alternative B	The Bullittsville FM crosses under I-275 and would require 2,300 ft. of construction in North Bend Rd. which recently went through a roadway expansion project		Flow continues to go to Dry Creek WWTP and not Western Regional	
Most of Taylorsport FM and Tanner Road Sewer looks to be straight forward construction as it follows roads, and would not require many new easements	Construction at Taylorsport PS would be difficult due to creeks, slopes, trees, and homes			
Incorporates improvements and O&M costs to disconnect Taylorsport FM from Bromley FM and tie into the Dry Creek Headworks Facility	More road work and public disturbance than Alternative B			
Can recover some of the costs from Initial Bullittsville PS Upgrades				

Bullittsville Flow Routing - BCE
Alternative A.2 - Bullittsville to Taylorsport PS

Project Phases:	FY2017	FY2018		FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039	FY2040	FY2041	FY2042	FY2043	FY2044	FY2045	FY2046	Comments
	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	
Initial Allen Fork PS Upgrades																																
Initial Bullittsville PS Upgrades																																
Tanner Rd. Sewer (North Hebron / Sand Run PS)																																
Initial Taylorsport PS Upgrades																																
Drop Shaft with Screening Facility																																
New Allen Fork PS and FM																																
Gravity sewer elimination of ex. Allen Fork PS																																
New Bullittsville PS and FM & Tanner Rd. Sewers																																
New Taylorsport PS and parallel FM																																

Project Phases:	Planning/Easement/Permits/Design				Construction				Q (MGD)	Size	Length	Minor Creek Crossings	Major Creek Crossings	Major Road Crossings	Water Main Crossing	Powerline Crossings	New Easements Required	Within 50' of Major Creek	Within Mature Trees	Within ROW / ex. Easement	Within Farmland	Under Pavement	Depth > 15'	Required ARVs	Capital Cost (\$M)	Comments
	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4																		
Initial Allen Fork PS Upgrades									4.0																3.79	
Initial Bullittsville PS Upgrades									3.0		2,880	1				3				2,880					5.00	3 MGD, surge, 220k gal EQ
Tanner Rd. Sewer (North Hebron / Sand Run PS)									-	30															3.23	
Initial Taylorsport PS Upgrades									13.3																8.89	pumps/electrical to 13.25 MGD
Drop Shaft with Screening Facility									6.6																8.43	
New Allen Fork FM									6.6	20	15,300	3	1	3	2	6	3	200	500	4,600	7,500	4,600		9	5.43	
New Allen Fork PS									6.6																7.74	
Gravity Sewer Elimination of ex. Allen Fork PS									6.6	24	10,200	5	7	-	-	-	6	9,600	9,600	500			2,600	-	7.19	follows the creek
Replacement Bullittsville FM									7.0	20	13,400	3	2	2*			-	300	5,000	13,400	-	2,300	-	13	5.38	crosses I-275 and North Bend
Replacement Bullittsville PS									7.0																7.74	
Upsize Tanner Rd. Sewer									15.4	30	2,830	1	-	*	-	2	-	-	-	2,830	-	2,830	-	-	3.18	
Upsize Taylorsport PS									17.6																15.87	new PS in same location
Parallel Taylorsport FM									17.6	24	26,800	14	1	4	*	*	-	1,200	2,000	-	-	24,000	-	18	9.20	assumed parallel FM
Additional Taylorsport FM to Dry Creek									17.6	24	6,000		2	-	*	*	-	3,000	-	-	-	1,000	-	-	2.30	adds 17' of static head
Total									-	-	77,410	27	13	7	2	11	9	14,300	17,100	24,210	7,500	37,610	2,600	40	\$ 93.4	

ADVANTAGES	Non-Economic Factors		OTHER CONSIDERATIONS	
	DISADVANTAGES			
Less environmental impact and infiltration (trees cleared and streams crossed) than the new alignments with Alternative B	The Bullittsville FM crosses under I-275 and would require 2,300 ft. of construction in North Bend Rd. which recently went through a roadway expansion project		Flow continues to go to Dry Creek WWTP and not Western Regional	
Most of Taylorsport FM and Tanner Road Sewer looks to be straight forward construction as it follows roads, and would not require many new easements	Construction at Taylorsport PS would be difficult due to creeks, slopes, trees, and homes			
Incorporates improvements and O&M costs to disconnect Taylorsport FM from Bromley FM and tie into the Dry Creek Headworks Facility	More road work and public disturbance than Alternative B			
Can recover some of the costs from Initial Bullittsville PS Upgrades				

Bullittsville Flow Routing - BCE
Alternative A.3 - Bullittsville to Taylorsport PS

Project Phases:	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039	FY2040	FY2041	FY2042	FY2043	FY2044	FY2045	FY2046	Comments
	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	Q1-2	Q3-4	
Initial Allen Fork PS Upgrades																															
Initial Bullittsville PS Upgrades																															
Tanner Rd. Sewer (North Hebron / Sand Run PS)																															
Initial Taylorsport PS Upgrades																															
Drop Shaft with Screening Facility																															
New Allen Fork PS and FM																															
Gravity sewer elimination of ex. Allen Fork PS																															
New Bullittsville PS and FM & Tanner Rd. Sewers																															
New Taylorsport EQ																															

Planning/Easement/Permits/Design

Construction

Project Phases:	Q (MGD)	Size	Length	Minor Creek Crossings	Major Creek Crossings	Major Road Crossings	Water Main Crossing	Powerline Crossing	New Easements Required	Within 50' of Major Creek	Within Mature Trees	Within ROW / ex. Easement	Within Farmland	Under Pavement	Depth > 15'	Required ARVs	Capital Cost (\$M)	Comments
Initial Allen Fork PS Upgrades	4.0																3.79	
Initial Bullittsville PS Upgrades	3.0																5.00	3 MGD, surge, 220k gal EQ
Tanner Rd. Sewer (North Hebron / Sand Run PS)	-	30	2,880	1	-	*	-	3	-	-	-	2,880	-	2,880	-	-	3.23	pumps/electrical to 13.25 MGD
Initial Taylorsport PS Upgrades	13.3																8.89	
Drop Shaft with Screening Facility	6.6																8.43	
New Allen Fork FM	6.6	20	15,300	3	1	3	2	6	3	200	500	4,600	7,500	4,600	-	9	5.43	
New Allen Fork PS	6.6																7.74	
Gravity Sewer Elimination of ex. Allen Fork PS	6.6	24	10,200	5	7	-	-	-	6	9,600	9,600	500	-	-	2,600	-	7.19	follows the creek
Replacement Bullittsville FM	7.0	20	13,400	3	2	2*	-	-	-	300	5,000	13,400	-	2,300	-	13	5.38	crosses I-275 and North Bend
Replacement Bullittsville PS	7.0																7.74	
Upsize Tanner Rd. Sewer	15.4	30	2,830	1	-	*	-	2	-	-	-	2,830	-	2,830	-	-	3.18	
Taylorsport EQ and Drain PS	13.3	-	-	-	2	1	-	-	1	1,000	1,000	-	-	-	-	-	2.52	550,000 gallons
Total	-	-	44,610	13	12	6	2	11	10	11,100	16,100	24,210	7,500	12,610	2,600	22	\$68.5	

Non-Economic Factors		OTHER CONSIDERATIONS	
ADVANTAGES	DISADVANTAGES	Flow continues to go to Dry Creek WWTP and not Western Regional	
Less environmental impact and infiltration (trees cleared and streams crossed) than the new alignments with Alternative B	The Bullittsville FM crosses under I-275 and would require 2,300 ft. of construction in North Bend Rd, which recently went through a roadway expansion project		
Most of Taylorsport FM and Tanner Road Sewer looks to be straight forward construction as it follows roads, and would not require many new easements	Requires a large EQ tank at Taylorsport PS and land acquisition		
Eliminates the need to install new Taylorsport FM	Construction at Taylorsport PS would be difficult due to creeks, slopes, trees, and homes		
Could recover some of the costs from Initial Bullittsville PS Upgrades	Does not incorporate improvements or O&M costs to disconnect Taylorsport FM from Bromely FM and tie directly into Dry Creek Headworks		
	More road work and public disturbance than Alternative B		

Bullittsville Flow Routing - BCE
Alternative B.2 - Bullittsville to WRCT

Project Phases:	FY2017		FY2018		FY2019		FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039	FY2040	FY2041	FY2042	FY2043	FY2044	FY2045	FY2046	Comments
	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4																												
Initial Allen Fork PS Upgrades																																		
Initial Bullittsville PS Upgrades																																		
Upsize Tanner Rd. Sewer																																		
Drop Shaft with Screening Facility																																		
New Allen Fork PS and FM																																		
Gravity sewer elimination of ex. Allen Fork PS																																		
Gravity sewer elimination of Bullittsville PS																																		
Upsize Taylorsport PS																																		

Bullittsville Flow Routing - BCE
Alternative B.3 - Bullittsville to WRCT

Project Phases:	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039	FY2040	FY2041	FY2042	FY2043	FY2044	FY2045	FY2046	Comments
	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	
Initial Allen Fork PS Upgrades																															
Initial Bullittsville PS Upgrades																															
Upsize Tanner Rd. Sewer																															
Drop Shaft with Screening Facility																															
New Allen Fork PS and FM																															
Gravity sewer elimination of ex. Allen Fork PS																															
New Bullittsville FM and Gravity Sewer																															
New Bullittsville PS																															
Upsize Taylorsport PS																															

Project Phases:	Planning/Easement/Permits/Design				Construction				Q (MGD)	Size	Length	Minor Creek Crossings	Major Creek Crossings	Major Road Crossings	Water Main Crossing	Powerline Crossings	New Easements Required	Within 50' of Major Creek	Within Mature Trees	Within ROW / ex. Easement	Within Farmland	Under Pavement	Depth > 15'	Required ARVs	Capital Cost (\$M)	Comments
	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4																		
Initial Allen Fork PS Upgrades									4.0																3.79	3 MGD, surge, 220k gal EQ
Initial Bullittsville PS Upgrades									3.0																5.00	
Upsize Tanner Rd. Sewer									8.5	30	3,300	2			-					3,300		3,300			3.70	
Drop Shaft with Screening Facility									12.2	30	15,300	3	1	3	2	6	3	200	500	4,600	7,500	4,600	-	9	14.32	
New Allen Fork PS									12.2																8.08	
Gravity Sewer Elimination of ex. Allen Fork PS									6.6	24	10,200	5	7	-	-	-	6	9,600	9,600	500	-	-	2,600	-	7.19	
New Bullittsville FM									7.0	20	3,700	3	1	3	3	4	4	500	-	2,800	300	2,800	-	1	1.34	
New Bullittsville Gravity Sewer									7.0	24	14,700	6	3	1	3	4	3	100	3,800	100	2,300	500	3,100	-	10.70	
New Bullittsville PS									7.0																7.70	
Upsize Taylorsport PS									10.8																1.00	pump and electrical upgrades
Total									-	-	47,200	19	12	7	8	14	16	10,400	13,900	11,300	10,100	11,200	5,700	10	\$74.9	

Non-Economic Factors		OTHER CONSIDERATIONS	
ADVANTAGES	DISADVANTAGES	Flow is directed to Western Regional WRF - not Dry Creek WWTP	
Would avoid the concerns with construction of a sewer in a creek that are stated in Alternative B.2. Bullittsville FM and sewer run mostly through open fields and small roads	Still would have a Bullittsville PS including the O&M, electrical, and odor control costs	A new Allen Fork PS would be comparable to Taylorsport PS in terms in power consumption per MGD, so the saving would be a near wash	
Less separate easements needed than Alternative B.2	Bullittsville FM and sewer would run mostly though two properties, one is a farm, the other is a children's home. It could be difficult if one or both would not agreeable to easements		
Eliminates the need for upgrades to Taylorsport PS and FM, except a small increase in the long term	Does not open up for growth on the West by gravity flow as easily as Alternative B.2. Either a PS or aerial sewer would likely be needed to convey into Bullittsville sewer.		
Removes flow from Tanner Road Sewer			
Access to the gravity sewer for CCTV'ing and cleaning would be much easier than Alternative B.2			
Could recover some of the costs from Initial Bullittsville PS Upgrades			

Bullittsville Flow Routing - BCE
Alternative C - Bullittsville to WRCT (Tunnel)

Project Phases:	FY2017		FY2018		FY2019		FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039	FY2040	FY2041	FY2042	FY2043	FY2044	FY2045	FY2046	Comments
	Q1/2	Q3/4	Q1/2	Q3/4	Q1/2	Q3/4																												
Initial Allen Fork PS Upgrades																																		
Initial Bullittsville PS Upgrades																																		
Upsize Tanner Rd. Sewer																																		
Bullittsville Tunnel Sewer																																		
Gravity sewer elimination of ex. Bullittsville PS																																		
Gravity sewer elimination of ex. Allen Fork PS																																		
Upsize Taylorsport PS																																		

Planning/Easement/Permits/Design Construction

Project Phases:	Q (MGD)	Size	Length	Minor Creek Crossings	Major Creek Crossings	Major Road Crossings	Water Main Crossing	Powerline Crossings	New Easements Required	Within 50' of Major Creek	Within Mature Trees	Within ROW / ex. Easement	Within Farmland	Under Pavement	Depth >15'	Required ARVs	Capital Cost (\$M)	Comments
Initial Allen Fork PS Upgrades	4.0																3.79	3 MGD pumps, valve vault, EQ
Initial Bullittsville PS Upgrades	3.0																5.00	
Upsize Tanner Rd. Sewer	8.5	30	3,300	2			-					3,300		3,300			3.70	
Gravity sewer (ex. Bullittsville PS to new Drop Shaft)	7.0	21	1,500	1			-			950	500	50		50	500		1.00	
Bullittsville Drop Shaft with Screening Facility	7.0																4.36	45-ft. deep shaft
Tunnel sewer elimination of ex. Bullittsville PS	7.0/13.6	21/30	27,600	-	-	-	-	-	50	-	-	-	-	-	-	-	94.4	
Allen Fork Drop Shaft with Screening Facility	6.6																4.61	25-ft. deep shaft
Tunnel equipment retrieval shaft	13.6																4.21	260-ft. deep shaft
Gravity sewer elimination of ex. Allen Fork PS	6.6	24	7,900	3	7	-	-	-	3	7,000	7,900	-	-	-	2,600	-	5.56	
Upsize Taylorsport PS	10.8																1.00	pump and electrical upgrades
Total	-	-	40,300	6	7	0	0	0	53	7,950	8,400	3,350	0	3,350	3,100	0	\$ 128	

Non-Economic Factors			OTHER CONSIDERATIONS	
ADVANTAGES	DISADVANTAGES			
Tunnel construction has little effect on aboveground features. Crossings of creeks, utilities, roads, trees, steep slopes, and farms are not a large concern.	Bullittsville Tunnel goes underneath and would require between 30 and 50 separate properties, depending on the selected alignment.		It may be possible to acquire subterranean easements instead of permanent surface easements for Tunnel.	
Eliminates two PSs that have high (and projected to get higher) O&M, electrical, and odor control costs.	The only places for flow to tie in are the Bullittsville Entrance Shaft, Allen Fork Drop Shaft, and Drop Shaft #3 on the WRCT.		Flow is directed to Western Regional WRF - not Dry Creek WWTP.	
Eliminates the need for upgrades to Taylorsport PS and FM, except a small increase in the long term.	Cannot recover any of the costs from Initial Bullittsville PS Upgrades.			
Removes flow from Tanner Road Sewer.				
Allows for growth to the West along sewer alignment as long as it can tie into Entrance Shaft or Drop Shafts.				

Appendix 05: Life Cycle Costs (LCC)

Bullittsville Flow BCE - Alternative A.1
Net Present Worth

Fiscal Year	Year No.	Capital Cost	Bullittsville Energy Cost	Taylorsport Energy Cost	Allen Fork Energy Cost	Drop Shaft Energy Cost	Total Energy Cost	Total PS O&M Cost	Sewer O&M Cost	Total Odor Control Cost	Annual Cost	F/P Factor	Net Present Worth	Comment
2016	0		\$ 13,000	\$ 38,000	\$ 27,000		\$ 78,000	\$ 59,000		\$ 376,000	\$ 513,000	1.00	\$ 513,000	Current Odor Control Costs
2017	1		\$ 15,000	\$ 42,000	\$ 29,000		\$ 86,000	\$ 62,000		\$ 376,000	\$ 524,000	1.03	\$ 510,000	
2018	2	\$ 3,790,000	\$ 16,000	\$ 45,000	\$ 30,000		\$ 91,000	\$ 64,000		\$ 376,000	\$ 4,321,000	1.06	\$ 4,089,000	Initial Allen Fork Upgrades
2019	3	\$ 8,230,000	\$ 17,000	\$ 49,000	\$ 31,000		\$ 97,000	\$ 66,000		\$ 386,000	\$ 8,779,000	1.09	\$ 8,081,000	Initial Bullittsville PS & Tanner Rd. Sewer
2020	4		\$ 21,000	\$ 52,000	\$ 33,000		\$ 106,000	\$ 74,000		\$ 386,000	\$ 566,000	1.12	\$ 507,000	
2021	5		\$ 23,000	\$ 55,000	\$ 34,000		\$ 112,000	\$ 76,000		\$ 386,000	\$ 574,000	1.15	\$ 500,000	
2022	6		\$ 24,000	\$ 59,000	\$ 35,000		\$ 118,000	\$ 78,000		\$ 386,000	\$ 582,000	1.18	\$ 493,000	
2023	7		\$ 26,000	\$ 62,000	\$ 37,000		\$ 125,000	\$ 80,000		\$ 386,000	\$ 591,000	1.21	\$ 487,000	
2024	8	\$ 8,890,000	\$ 27,000	\$ 65,000	\$ 38,000		\$ 130,000	\$ 81,000		\$ 386,000	\$ 9,487,000	1.25	\$ 7,606,000	Initial Taylorsport PS Upgrades
2025	9	\$ 28,785,000	\$ 29,000	\$ 81,000	\$ 40,000		\$ 150,000	\$ 83,000		\$ 386,000	\$ 29,404,000	1.28	\$ 22,933,000	Drop Shaft, Allen Fork PS, FM, and Gravity Sewer
2026	10	\$ 16,300,000	\$ 30,000	\$ 85,000	\$ 43,000	\$ 30,000	\$ 188,000	\$ 99,000		\$ 397,000	\$ 16,984,000	1.32	\$ 12,886,000	Bullittsville PS and FM & Tanner Rd. Sewer
2027	11		\$ 21,000	\$ 89,000	\$ 44,000	\$ 31,000	\$ 185,000	\$ 96,000		\$ 402,000	\$ 683,000	1.35	\$ 504,000	
2028	12		\$ 22,000	\$ 93,000	\$ 46,000	\$ 33,000	\$ 194,000	\$ 97,000		\$ 402,000	\$ 693,000	1.39	\$ 498,000	
2029	13		\$ 23,000	\$ 97,000	\$ 47,000	\$ 34,000	\$ 201,000	\$ 99,000		\$ 402,000	\$ 702,000	1.43	\$ 490,000	
2030	14		\$ 24,000	\$ 101,000	\$ 48,000	\$ 35,000	\$ 208,000	\$ 100,000		\$ 402,000	\$ 710,000	1.47	\$ 482,000	
2031	15		\$ 25,000	\$ 105,000	\$ 50,000	\$ 36,000	\$ 216,000	\$ 101,000		\$ 402,000	\$ 719,000	1.51	\$ 475,000	
2032	16		\$ 26,000	\$ 109,000	\$ 51,000	\$ 37,000	\$ 223,000	\$ 103,000		\$ 402,000	\$ 728,000	1.56	\$ 468,000	
2033	17		\$ 27,000	\$ 113,000	\$ 53,000	\$ 38,000	\$ 231,000	\$ 104,000		\$ 402,000	\$ 737,000	1.60	\$ 461,000	
2034	18		\$ 28,000	\$ 117,000	\$ 54,000	\$ 39,000	\$ 238,000	\$ 105,000		\$ 402,000	\$ 745,000	1.64	\$ 453,000	
2035	19	\$ 30,260,000	\$ 29,000	\$ 121,000	\$ 56,000	\$ 40,000	\$ 246,000	\$ 106,000	\$ 66,300	\$ 402,000	\$ 31,080,000	1.69	\$ 18,391,000	Taylorsport PS / FM, Clean and CCTV gravity sewer
2036	20		\$ 30,000	\$ 84,000	\$ 57,000	\$ 41,000	\$ 212,000	\$ 107,000		\$ 481,000	\$ 800,000	1.74	\$ 460,000	
2037	21		\$ 31,000	\$ 86,000	\$ 59,000	\$ 42,000	\$ 218,000	\$ 108,000		\$ 481,000	\$ 807,000	1.79	\$ 452,000	
2038	22		\$ 32,000	\$ 89,000	\$ 60,000	\$ 43,000	\$ 224,000	\$ 109,000		\$ 481,000	\$ 814,000	1.84	\$ 443,000	
2039	23		\$ 33,000	\$ 92,000	\$ 61,000	\$ 44,000	\$ 230,000	\$ 110,000		\$ 481,000	\$ 821,000	1.89	\$ 435,000	
2040	24	\$ 300,000	\$ 34,000	\$ 94,000	\$ 63,000	\$ 45,000	\$ 236,000	\$ 111,000		\$ 481,000	\$ 1,128,000	1.94	\$ 581,000	15-YR Allen Fork PS and Screening Improvements
2041	25		\$ 35,000	\$ 97,000	\$ 64,000	\$ 46,000	\$ 242,000	\$ 112,000		\$ 481,000	\$ 835,000	1.99	\$ 419,000	
2042	26		\$ 36,000	\$ 100,000	\$ 66,000	\$ 47,000	\$ 249,000	\$ 113,000		\$ 481,000	\$ 1,043,000	2.05	\$ 509,000	15-YR Bullittsville PS Improvements
2043	27	\$ 200,000	\$ 37,000	\$ 102,000	\$ 67,000	\$ 48,000	\$ 254,000	\$ 114,000		\$ 481,000	\$ 849,000	2.11	\$ 403,000	
2044	28		\$ 38,000	\$ 105,000	\$ 69,000	\$ 49,000	\$ 261,000	\$ 115,000		\$ 481,000	\$ 857,000	2.17	\$ 396,000	
2045	29		\$ 39,000	\$ 108,000	\$ 70,000	\$ 50,000	\$ 267,000	\$ 116,000	\$ 66,300	\$ 481,000	\$ 930,000	2.23	\$ 418,000	Clean and CCTV gravity sewer
2046	30		\$ 40,000	\$ 110,000	\$ 71,000	\$ 51,000	\$ 272,000	\$ 116,000		\$ 481,000	\$ 869,000	2.29	\$ 380,000	
2047	31		\$ 41,000	\$ 113,000	\$ 73,000	\$ 52,000	\$ 279,000	\$ 117,000		\$ 481,000	\$ 877,000	2.35	\$ 373,000	
2048	32		\$ 42,000	\$ 116,000	\$ 74,000	\$ 53,000	\$ 285,000	\$ 118,000		\$ 481,000	\$ 884,000	2.42	\$ 365,000	
2049	33		\$ 43,000	\$ 118,000	\$ 76,000	\$ 54,000	\$ 291,000	\$ 119,000		\$ 481,000	\$ 891,000	2.49	\$ 358,000	
2050	34	\$ 300,000	\$ 44,000	\$ 121,000	\$ 77,000	\$ 55,000	\$ 297,000	\$ 120,000		\$ 481,000	\$ 1,198,000	2.56	\$ 468,000	15-YR Taylorsport PS Improvements, Clean sewer
TOTAL PRESENT WORTH													\$ 87,300,000	

Notes:

- A discount rate of 2.8% was assumed for NPW.

Represents an event change, such as new construction affecting the energy cost

Energy cost were calculated based on Duke and Owen invoices, scaled up linearly to projected average daily flows.

The new Taylorsport FM is tied into Dry Creek headworks adding 17' of static head and 6,000' of pipe causing an increase in energy costs.

PS O&M cost were calculated based on WOs from Lucity, scaled up logarithmical to average daily flows. EQ tanks O&M costs were assumed to 1% of construction cost was used per year.

Drop Shaft O&M costs were assumed to be equal to current WO costs at Drop Shaft 1.

Sewer O&M assumes clean and CCTV every 10 years. Assumed on-road and off-road cleaning costs were \$2/ft. and \$4/ft. CCTV costs were \$1.5 /ft. and \$2.5 / ft.

Capital Cost includes construction, design, planning, easements, etc., but is listed in the year of construction for NPW.

Bullittsville Flow BCE - Alternative A.2
Net Present Worth

Fiscal Year	Year No.	Capital Cost	Bullittsville Energy Cost	Taylorsport Energy Cost	Allen Fork Energy Cost	Drop Shaft Energy Cost	Total Energy Cost	Total PS O&M Cost	Sewer O&M Cost	Total Odor Control Cost	Annual Cost	F/P Factor	Net Present Worth	Comment
2016	0		\$ 13,000	\$ 38,000	\$ 27,000		\$ 78,000	\$ 59,000		\$ 376,000	\$ 513,000	1.00	\$ 513,000	Current Odor Control Costs
2017	1		\$ 15,000	\$ 42,000	\$ 29,000		\$ 86,000	\$ 62,000		\$ 376,000	\$ 524,000	1.03	\$ 510,000	
2018	2	\$ 3,790,000	\$ 16,000	\$ 45,000	\$ 30,000		\$ 91,000	\$ 64,000		\$ 376,000	\$ 4,321,000	1.06	\$ 4,089,000	Initial Allen Fork Upgrades
2019	3	\$ 8,230,000	\$ 17,000	\$ 49,000	\$ 31,000		\$ 97,000	\$ 66,000		\$ 386,000	\$ 8,779,000	1.09	\$ 8,081,000	Initial Bullittsville PS & Tanner Rd. Sewer
2020	4		\$ 21,000	\$ 52,000	\$ 33,000		\$ 106,000	\$ 74,000		\$ 386,000	\$ 566,000	1.12	\$ 507,000	
2021	5		\$ 23,000	\$ 55,000	\$ 34,000		\$ 112,000	\$ 76,000		\$ 386,000	\$ 574,000	1.15	\$ 500,000	
2022	6		\$ 24,000	\$ 59,000	\$ 35,000		\$ 118,000	\$ 78,000		\$ 386,000	\$ 582,000	1.18	\$ 493,000	
2023	7		\$ 26,000	\$ 62,000	\$ 37,000		\$ 125,000	\$ 79,000		\$ 386,000	\$ 590,000	1.21	\$ 486,000	
2024	8	\$ 8,890,000	\$ 27,000	\$ 65,000	\$ 38,000		\$ 130,000	\$ 81,000		\$ 386,000	\$ 9,487,000	1.25	\$ 7,606,000	Initial Taylorsport PS Upgrades
2025	9	\$ 28,785,000	\$ 29,000	\$ 81,000	\$ 40,000		\$ 150,000	\$ 83,000		\$ 386,000	\$ 29,404,000	1.28	\$ 22,933,000	Drop Shaft, Allen Fork PS, FM, and Gravity Sewer
2026	10	\$ 16,300,000	\$ 30,000	\$ 85,000	\$ 43,000	\$ 30,000	\$ 188,000	\$ 99,000		\$ 397,000	\$ 16,984,000	1.32	\$ 12,886,000	Bullittsville PS and FM & Tanner Rd. Sewer
2027	11		\$ 21,000	\$ 89,000	\$ 44,000	\$ 31,000	\$ 185,000	\$ 96,000		\$ 402,000	\$ 683,000	1.35	\$ 504,000	
2028	12		\$ 22,000	\$ 93,000	\$ 46,000	\$ 33,000	\$ 194,000	\$ 97,000		\$ 402,000	\$ 693,000	1.39	\$ 498,000	
2029	13		\$ 23,000	\$ 97,000	\$ 47,000	\$ 34,000	\$ 201,000	\$ 99,000		\$ 402,000	\$ 702,000	1.43	\$ 490,000	
2030	14		\$ 24,000	\$ 101,000	\$ 48,000	\$ 35,000	\$ 208,000	\$ 100,000		\$ 402,000	\$ 710,000	1.47	\$ 482,000	
2031	15		\$ 25,000	\$ 105,000	\$ 50,000	\$ 36,000	\$ 216,000	\$ 101,000		\$ 402,000	\$ 719,000	1.51	\$ 475,000	
2032	16		\$ 26,000	\$ 109,000	\$ 51,000	\$ 37,000	\$ 223,000	\$ 103,000		\$ 402,000	\$ 728,000	1.56	\$ 468,000	
2033	17		\$ 27,000	\$ 113,000	\$ 53,000	\$ 38,000	\$ 231,000	\$ 104,000		\$ 402,000	\$ 737,000	1.60	\$ 461,000	
2034	18		\$ 28,000	\$ 117,000	\$ 54,000	\$ 39,000	\$ 238,000	\$ 105,000		\$ 402,000	\$ 745,000	1.64	\$ 453,000	
2035	19	\$ 27,370,000	\$ 29,000	\$ 121,000	\$ 56,000	\$ 40,000	\$ 246,000	\$ 106,000	\$ 66,300	\$ 402,000	\$ 28,190,000	1.69	\$ 16,681,000	Taylorsport PS / FM, Clean and CCTV gravity sewer
2036	20		\$ 30,000	\$ 63,000	\$ 57,000	\$ 41,000	\$ 191,000	\$ 107,000		\$ 481,000	\$ 779,000	1.74	\$ 448,000	
2037	21		\$ 31,000	\$ 65,000	\$ 59,000	\$ 42,000	\$ 197,000	\$ 108,000		\$ 481,000	\$ 786,000	1.79	\$ 440,000	
2038	22		\$ 32,000	\$ 67,000	\$ 60,000	\$ 43,000	\$ 202,000	\$ 109,000		\$ 481,000	\$ 792,000	1.84	\$ 431,000	
2039	23		\$ 33,000	\$ 69,000	\$ 61,000	\$ 44,000	\$ 207,000	\$ 110,000		\$ 481,000	\$ 798,000	1.89	\$ 423,000	
2040	24	\$ 300,000	\$ 34,000	\$ 71,000	\$ 63,000	\$ 45,000	\$ 213,000	\$ 111,000		\$ 481,000	\$ 1,105,000	1.94	\$ 570,000	15-YR Allen Fork PS and Screening Improvements
2041	25		\$ 35,000	\$ 73,000	\$ 64,000	\$ 46,000	\$ 218,000	\$ 112,000		\$ 481,000	\$ 811,000	1.99	\$ 407,000	
2042	26		\$ 36,000	\$ 75,000	\$ 66,000	\$ 47,000	\$ 224,000	\$ 113,000		\$ 481,000	\$ 1,018,000	2.05	\$ 497,000	15-YR Bullittsville PS Improvements
2043	27	\$ 200,000	\$ 37,000	\$ 77,000	\$ 67,000	\$ 48,000	\$ 229,000	\$ 114,000		\$ 481,000	\$ 824,000	2.11	\$ 391,000	
2044	28		\$ 38,000	\$ 79,000	\$ 69,000	\$ 49,000	\$ 235,000	\$ 115,000		\$ 481,000	\$ 831,000	2.17	\$ 384,000	
2045	29		\$ 39,000	\$ 81,000	\$ 70,000	\$ 50,000	\$ 240,000	\$ 116,000	\$ 66,300	\$ 481,000	\$ 903,000	2.23	\$ 405,000	Clean and CCTV gravity sewer
2046	30		\$ 40,000	\$ 83,000	\$ 71,000	\$ 51,000	\$ 245,000	\$ 116,000		\$ 481,000	\$ 842,000	2.29	\$ 368,000	
2047	31		\$ 41,000	\$ 85,000	\$ 73,000	\$ 52,000	\$ 251,000	\$ 117,000		\$ 481,000	\$ 849,000	2.35	\$ 361,000	
2048	32		\$ 42,000	\$ 87,000	\$ 74,000	\$ 53,000	\$ 256,000	\$ 118,000		\$ 481,000	\$ 855,000	2.42	\$ 353,000	
2049	33		\$ 43,000	\$ 89,000	\$ 76,000	\$ 54,000	\$ 262,000	\$ 119,000		\$ 481,000	\$ 862,000	2.49	\$ 347,000	
2050	34	\$ 300,000	\$ 44,000	\$ 91,000	\$ 77,000	\$ 55,000	\$ 267,000	\$ 120,000		\$ 481,000	\$ 1,168,000	2.56	\$ 457,000	15-YR Taylorsport PS Improvements, Clean sewer
TOTAL PRESENT WORTH													\$ 85,400,000	

Notes:

- A discount rate of 2.8% was assumed for NPW.

Represents an event change, such as new construction affecting the energy cost

Energy cost were calculated based on Duke and Owen invoices, scaled up linearly to projected average daily flows.

The new Taylorsport FM is tied into Dry Creek headworks adding 17' of static head and 6,000' of pipe causing an increase in energy costs.

PS O&M cost were calculated based on WOs from Lucity, scaled up logarithmical to average daily flows. EQ tanks O&M costs were assumed to 1% of construction cost was used per year.

Drop Shaft O&M costs were assumed to be equal to current WO costs at Drop Shaft 1.

Sewer O&M assumes clean and CCTV every 10 years. Assumed on-road and off-road cleaning costs were \$2/ft. and \$4/ft. CCTV costs were \$1.5 /ft. and \$2.5 / ft.

Capital Cost includes construction, design, planning, easements, etc., but is listed in the year of construction for NPW.

Bullittsville Flow BCE - Alternative A.3
Net Present Worth

Fiscal Year	Year No.	Capital Cost	Bullittsville Energy Cost	Taylorsport Energy Cost	Allen Fork Energy Cost	Drop Shaft Energy Cost	Total Energy Cost	Total PS O&M Cost	Sewer O&M Cost	Total Odor Control Cost	Annual Cost	F/P Factor	Net Present Worth	Comment
2016	0		\$ 13,000	\$ 38,000	\$ 27,000		\$ 78,000	\$ 59,000		\$ 376,000	\$ 513,000	1.00	\$ 513,000	Current Odor Control Costs
2017	1		\$ 15,000	\$ 42,000	\$ 29,000		\$ 86,000	\$ 62,000		\$ 376,000	\$ 524,000	1.03	\$ 510,000	
2018	2	\$ 3,790,000	\$ 16,000	\$ 45,000	\$ 30,000		\$ 91,000	\$ 64,000		\$ 376,000	\$ 4,321,000	1.06	\$ 4,089,000	Initial Allen Fork Upgrades
2019	3	\$ 8,230,000	\$ 17,000	\$ 49,000	\$ 31,000		\$ 97,000	\$ 66,000		\$ 386,000	\$ 8,779,000	1.09	\$ 8,081,000	Initial Bullittsville PS & Tanner Rd. Sewer
2020	4		\$ 21,000	\$ 52,000	\$ 33,000		\$ 106,000	\$ 74,000		\$ 386,000	\$ 566,000	1.12	\$ 507,000	
2021	5		\$ 23,000	\$ 55,000	\$ 34,000		\$ 112,000	\$ 76,000		\$ 386,000	\$ 574,000	1.15	\$ 500,000	
2022	6		\$ 24,000	\$ 59,000	\$ 35,000		\$ 118,000	\$ 78,000		\$ 386,000	\$ 582,000	1.18	\$ 493,000	
2023	7		\$ 26,000	\$ 62,000	\$ 37,000		\$ 125,000	\$ 79,000		\$ 386,000	\$ 590,000	1.21	\$ 486,000	
2024	8	\$ 8,890,000	\$ 27,000	\$ 65,000	\$ 38,000		\$ 130,000	\$ 81,000		\$ 386,000	\$ 9,487,000	1.25	\$ 7,606,000	Initial Taylorsport PS Upgrades
2025	9	\$ 28,785,000	\$ 29,000	\$ 81,000	\$ 40,000		\$ 150,000	\$ 83,000		\$ 386,000	\$ 29,404,000	1.28	\$ 22,933,000	Drop Shaft, Allen Fork PS, FM, and Gravity Sewer
2026	10	\$ 16,300,000	\$ 30,000	\$ 85,000	\$ 43,000	\$ 30,000	\$ 188,000	\$ 99,000		\$ 397,000	\$ 16,984,000	1.32	\$ 12,886,000	Bullittsville PS and FM & Tanner Rd. Sewer
2027	11		\$ 21,000	\$ 89,000	\$ 44,000	\$ 31,000	\$ 185,000	\$ 101,000		\$ 402,000	\$ 688,000	1.35	\$ 508,000	
2028	12		\$ 22,000	\$ 93,000	\$ 46,000	\$ 33,000	\$ 194,000	\$ 102,000		\$ 402,000	\$ 698,000	1.39	\$ 501,000	
2029	13		\$ 23,000	\$ 97,000	\$ 47,000	\$ 34,000	\$ 201,000	\$ 104,000		\$ 402,000	\$ 707,000	1.43	\$ 494,000	
2030	14		\$ 24,000	\$ 101,000	\$ 48,000	\$ 35,000	\$ 208,000	\$ 105,000		\$ 402,000	\$ 715,000	1.47	\$ 486,000	
2031	15		\$ 25,000	\$ 105,000	\$ 50,000	\$ 36,000	\$ 216,000	\$ 106,000		\$ 402,000	\$ 724,000	1.51	\$ 478,000	
2032	16		\$ 26,000	\$ 109,000	\$ 51,000	\$ 37,000	\$ 223,000	\$ 108,000		\$ 402,000	\$ 733,000	1.56	\$ 471,000	
2033	17		\$ 27,000	\$ 113,000	\$ 53,000	\$ 38,000	\$ 231,000	\$ 109,000		\$ 402,000	\$ 742,000	1.60	\$ 464,000	
2034	18	\$ 300,000	\$ 28,000	\$ 117,000	\$ 54,000	\$ 39,000	\$ 238,000	\$ 110,000		\$ 402,000	\$ 1,050,000	1.64	\$ 639,000	10-YR Taylorsport PS Improvements
2035	19	\$ 2,528,000	\$ 29,000	\$ 121,000	\$ 56,000	\$ 40,000	\$ 246,000	\$ 111,000	\$ 66,300	\$ 402,000	\$ 3,353,000	1.69	\$ 1,984,000	Taylorsport EQ and Drain PS, Clean / CCTV Sewer
2036	20		\$ 30,000	\$ 125,000	\$ 57,000	\$ 41,000	\$ 253,000	\$ 112,000		\$ 481,000	\$ 846,000	1.74	\$ 487,000	
2037	21		\$ 31,000	\$ 129,000	\$ 59,000	\$ 42,000	\$ 261,000	\$ 113,000		\$ 481,000	\$ 855,000	1.79	\$ 479,000	
2038	22		\$ 32,000	\$ 133,000	\$ 60,000	\$ 43,000	\$ 268,000	\$ 114,000		\$ 481,000	\$ 863,000	1.84	\$ 470,000	
2039	23		\$ 33,000	\$ 137,000	\$ 61,000	\$ 44,000	\$ 275,000	\$ 115,000		\$ 481,000	\$ 871,000	1.89	\$ 462,000	
2040	24	\$ 300,000	\$ 34,000	\$ 141,000	\$ 63,000	\$ 45,000	\$ 283,000	\$ 116,000		\$ 481,000	\$ 1,180,000	1.94	\$ 608,000	15-YR Allen Fork PS and Screening Improvements
2041	25		\$ 35,000	\$ 145,000	\$ 64,000	\$ 46,000	\$ 290,000	\$ 117,000		\$ 481,000	\$ 888,000	1.99	\$ 445,000	
2042	26	\$ 200,000	\$ 36,000	\$ 149,000	\$ 66,000	\$ 47,000	\$ 298,000	\$ 118,000		\$ 481,000	\$ 1,097,000	2.05	\$ 535,000	15-YR Bullittsville PS Improvements
2043	27		\$ 37,000	\$ 153,000	\$ 67,000	\$ 48,000	\$ 305,000	\$ 119,000		\$ 481,000	\$ 905,000	2.11	\$ 429,000	
2044	28	\$ 300,000	\$ 38,000	\$ 157,000	\$ 69,000	\$ 49,000	\$ 313,000	\$ 120,000		\$ 481,000	\$ 1,214,000	2.17	\$ 560,000	10-YR YR Taylorsport PS Improvements
2045	29		\$ 39,000	\$ 161,000	\$ 70,000	\$ 50,000	\$ 320,000	\$ 121,000	\$ 66,300	\$ 481,000	\$ 988,000	2.23	\$ 444,000	Clean and CCTV Gravity sewer
2046	30		\$ 40,000	\$ 165,000	\$ 71,000	\$ 51,000	\$ 327,000	\$ 121,000		\$ 481,000	\$ 929,000	2.29	\$ 406,000	
2047	31		\$ 41,000	\$ 169,000	\$ 73,000	\$ 52,000	\$ 335,000	\$ 122,000		\$ 481,000	\$ 938,000	2.35	\$ 398,000	
2048	32		\$ 42,000	\$ 173,000	\$ 74,000	\$ 53,000	\$ 342,000	\$ 123,000		\$ 481,000	\$ 946,000	2.42	\$ 391,000	
2049	33		\$ 43,000	\$ 177,000	\$ 76,000	\$ 54,000	\$ 350,000	\$ 124,000		\$ 481,000	\$ 955,000	2.49	\$ 384,000	
2050	34		\$ 44,000	\$ 181,000	\$ 77,000	\$ 55,000	\$ 357,000	\$ 125,000		\$ 481,000	\$ 963,000	2.56	\$ 377,000	
											TOTAL PRESENT WORTH		\$ 71,500,000	

Notes:

- A discount rate of 2.8% was assumed for NPW.

- Energy cost were calculated based on Duke and Owen invoices, scaled up linearly to projected average daily flows.

- PS O&M cost were calculated based on WOs from Lucity, scaled up logarithmically to average daily flows. EQ tanks O&M costs were assumed to 1% of construction cost was used per year.

- Drop Shaft O&M costs were assumed to be equal to current WO costs at Drop Shaft 1.

- Sewer O&M assumes clean and CCTV every 10 years. Assumed on-road and off-road cleaning costs were \$2/ft. and \$4/ft. CCTV costs were \$1.5 /ft. and \$2.5 / ft.

- Capital Cost includes construction, design, planning, easements, etc., but is listed in the year of construction for NPW.

Bullittsville Flow BCE - Alternative B.2
Net Present Worth

Fiscal Year	Year No.	Capital Cost	Bullittsville Energy Cost	Taylorsport Energy Cost	Allen Fork Energy Cost	Drop Shaft Energy Cost	Total Energy Cost	Total PS O&M Cost	Sewer O&M Cost	Total Odor Control Cost	Annual Cost	F/P Factor	Net Present Worth	Comment
2016	0		\$ 13,000	\$ 38,000	\$ 27,000		\$ 78,000	\$ 59,000		\$ 376,000	\$ 513,000	1.00	\$ 513,000	Current Odor Control Costs
2017	1		\$ 15,000	\$ 42,000	\$ 29,000		\$ 86,000	\$ 62,000		\$ 376,000	\$ 524,000	1.03	\$ 510,000	
2018	2	\$ 3,790,000	\$ 16,000	\$ 45,000	\$ 30,000		\$ 91,000	\$ 64,000		\$ 376,000	\$ 4,321,000	1.06	\$ 4,089,000	Initial Allen Fork Upgrades
2019	3	\$ 8,700,000	\$ 17,000	\$ 49,000	\$ 31,000		\$ 97,000	\$ 66,000		\$ 386,000	\$ 9,249,000	1.09	\$ 8,514,000	Initial Bullittsville PS & Tanner Rd. Sewer
2020	4		\$ 21,000	\$ 52,000	\$ 33,000		\$ 106,000	\$ 74,000		\$ 386,000	\$ 566,000	1.12	\$ 507,000	
2021	5		\$ 23,000	\$ 55,000	\$ 34,000		\$ 112,000	\$ 76,000		\$ 386,000	\$ 574,000	1.15	\$ 500,000	
2022	6		\$ 24,000	\$ 59,000	\$ 35,000		\$ 118,000	\$ 78,000		\$ 386,000	\$ 582,000	1.18	\$ 493,000	
2023	7		\$ 26,000	\$ 62,000	\$ 37,000		\$ 125,000	\$ 79,000		\$ 386,000	\$ 590,000	1.21	\$ 486,000	
2024	8		\$ 27,000	\$ 65,000	\$ 38,000		\$ 130,000	\$ 81,000		\$ 386,000	\$ 597,000	1.25	\$ 479,000	
2025	9	\$ 41,652,500	\$ 29,000	\$ 69,000	\$ 40,000		\$ 138,000	\$ 83,000		\$ 386,000	\$ 42,260,000	1.28	\$ 32,960,000	Drop Shaft, Allen Fork PS, FM, and Gravity Sewer
2026	10	\$ 17,440,000	\$ 30,000	\$ 72,000	\$ 46,000	\$ 34,000	\$ 182,000	\$ 99,000		\$ 397,000	\$ 18,118,000	1.32	\$ 13,746,000	Bullittsville gravity sewer
2027	11			\$ 48,000	\$ 48,000	\$ 36,000	\$ 132,000	\$ 71,000		\$ 397,000	\$ 600,000	1.35	\$ 443,000	
2028	12			\$ 50,000	\$ 50,000	\$ 37,000	\$ 137,000	\$ 72,000		\$ 397,000	\$ 606,000	1.39	\$ 435,000	
2029	13			\$ 52,000	\$ 51,000	\$ 39,000	\$ 142,000	\$ 73,000		\$ 397,000	\$ 612,000	1.43	\$ 427,000	
2030	14			\$ 54,000	\$ 53,000	\$ 40,000	\$ 147,000	\$ 74,000		\$ 397,000	\$ 618,000	1.47	\$ 420,000	
2031	15			\$ 56,000	\$ 55,000	\$ 41,000	\$ 152,000	\$ 74,000		\$ 397,000	\$ 623,000	1.51	\$ 412,000	
2032	16			\$ 58,000	\$ 57,000	\$ 43,000	\$ 158,000	\$ 75,000		\$ 397,000	\$ 630,000	1.56	\$ 405,000	
2033	17			\$ 60,000	\$ 59,000	\$ 44,000	\$ 163,000	\$ 76,000		\$ 397,000	\$ 636,000	1.60	\$ 398,000	
2034	18			\$ 62,000	\$ 61,000	\$ 46,000	\$ 169,000	\$ 76,000		\$ 397,000	\$ 642,000	1.64	\$ 391,000	
2035	19	\$ 1,000,000		\$ 64,000	\$ 63,000	\$ 47,000	\$ 174,000	\$ 77,000	\$ 66,300	\$ 397,000	\$ 1,714,000	1.69	\$ 1,014,000	Upsize Taylorsport PS, 10-YR Allen Fork sewer
2036	20			\$ 71,000	\$ 65,000	\$ 48,000	\$ 184,000	\$ 78,000	\$ 144,300	\$ 397,000	\$ 803,000	1.74	\$ 462,000	10-YR Clean and CCTV Bullittsville gravity sewer
2037	21			\$ 73,000	\$ 67,000	\$ 50,000	\$ 190,000	\$ 78,000		\$ 397,000	\$ 665,000	1.79	\$ 372,000	
2038	22			\$ 75,000	\$ 68,000	\$ 51,000	\$ 194,000	\$ 79,000		\$ 397,000	\$ 670,000	1.84	\$ 365,000	
2039	23			\$ 77,000	\$ 70,000	\$ 53,000	\$ 200,000	\$ 79,000		\$ 397,000	\$ 676,000	1.89	\$ 358,000	
2040	24	\$ 400,000		\$ 79,000	\$ 72,000	\$ 54,000	\$ 205,000	\$ 80,000		\$ 397,000	\$ 1,082,000	1.94	\$ 558,000	15-YR Allen Fork PS and Screening Improvements
2041	25			\$ 82,000	\$ 74,000	\$ 56,000	\$ 212,000	\$ 80,000		\$ 397,000	\$ 689,000	1.99	\$ 345,000	
2042	26			\$ 84,000	\$ 76,000	\$ 57,000	\$ 217,000	\$ 81,000		\$ 397,000	\$ 695,000	2.05	\$ 339,000	
2043	27			\$ 86,000	\$ 78,000	\$ 58,000	\$ 222,000	\$ 81,000		\$ 397,000	\$ 700,000	2.11	\$ 332,000	
2044	28			\$ 88,000	\$ 80,000	\$ 60,000	\$ 228,000	\$ 82,000		\$ 397,000	\$ 707,000	2.17	\$ 326,000	
2045	29			\$ 90,000	\$ 82,000	\$ 61,000	\$ 233,000	\$ 82,000	\$ 66,300	\$ 397,000	\$ 778,000	2.23	\$ 349,000	10-YR Clean and CCTV Allen Fork gravity sewer
2046	30			\$ 92,000	\$ 84,000	\$ 63,000	\$ 239,000	\$ 83,000	\$ 144,300	\$ 397,000	\$ 863,000	2.29	\$ 377,000	10-YR Clean and CCTV Bullittsville gravity sewer
2047	31			\$ 95,000	\$ 85,000	\$ 64,000	\$ 244,000	\$ 83,000		\$ 397,000	\$ 724,000	2.35	\$ 308,000	
2048	32			\$ 97,000	\$ 87,000	\$ 65,000	\$ 249,000	\$ 84,000		\$ 397,000	\$ 730,000	2.42	\$ 302,000	
2049	33			\$ 99,000	\$ 89,000	\$ 67,000	\$ 255,000	\$ 84,000		\$ 397,000	\$ 736,000	2.49	\$ 296,000	
2050	34	\$ 200,000		\$ 101,000	\$ 91,000	\$ 68,000	\$ 260,000	\$ 85,000		\$ 397,000	\$ 942,000	2.56	\$ 368,000	15-YR Taylorsport PS Improvements
TOTAL PRESENT WORTH													\$ 72,600,000	

Notes:

- A discount rate of 2.8% was assumed for NPW.

- Energy cost were calculated based on Duke and Owen invoices, scaled up linearly to projected average daily flows.

- PS O&M cost were calculated based on WOs from Lucity, scaled up logarithmically to average daily flows. EQ tanks O&M costs were assumed to 1% of construction cost was used per year.

- Drop Shaft O&M costs were assumed to be equal to current WO costs at Drop Shaft 1.

- Sewer O&M assumes clean and CCTV every 10 years. Assumed on-road and off-road cleaning costs were \$2/ft. and \$4/ft. CCTV costs were \$1.5 /ft. and \$2.5 / ft.

- Capital Cost includes construction, design, planning, easements, etc., but is listed in the year of construction for NPW.

Bullittsville Flow BCE - Alternative B.3
Net Present Worth

Fiscal Year	Year No.	Capital Cost	Bullittsville Energy Cost	Taylorsport Energy Cost	Allen Fork Energy Cost	Drop Shaft Energy Cost	Total Energy Cost	Total PS O&M Cost	Sewer O&M Cost	Total Odor Control Cost	Annual Cost	F/P Factor	Net Present Worth	Comment
2016	0		\$ 13,000	\$ 38,000	\$ 27,000		\$ 78,000	\$ 59,000		\$ 376,000	\$ 513,000	1.00	\$ 513,000	Current Odor Control Costs
2017	1		\$ 15,000	\$ 42,000	\$ 29,000		\$ 86,000	\$ 62,000		\$ 376,000	\$ 524,000	1.03	\$ 510,000	
2018	2	\$ 3,790,000	\$ 16,000	\$ 45,000	\$ 30,000		\$ 91,000	\$ 64,000		\$ 376,000	\$ 4,321,000	1.06	\$ 4,089,000	Initial Allen Fork Upgrades
2019	3	\$ 8,700,000	\$ 17,000	\$ 49,000	\$ 31,000		\$ 97,000	\$ 66,000		\$ 386,000	\$ 9,249,000	1.09	\$ 8,514,000	Initial Bullittsville PS & Tanner Rd. Sewer
2020	4		\$ 21,000	\$ 52,000	\$ 33,000		\$ 106,000	\$ 74,000		\$ 386,000	\$ 566,000	1.12	\$ 507,000	
2021	5		\$ 23,000	\$ 55,000	\$ 34,000		\$ 112,000	\$ 76,000		\$ 386,000	\$ 574,000	1.15	\$ 500,000	
2022	6		\$ 24,000	\$ 59,000	\$ 35,000		\$ 118,000	\$ 78,000		\$ 386,000	\$ 582,000	1.18	\$ 493,000	
2023	7		\$ 26,000	\$ 62,000	\$ 37,000		\$ 125,000	\$ 79,000		\$ 386,000	\$ 590,000	1.21	\$ 486,000	
2024	8		\$ 27,000	\$ 65,000	\$ 38,000		\$ 130,000	\$ 81,000		\$ 386,000	\$ 597,000	1.25	\$ 479,000	
2025	9	\$ 41,652,500	\$ 29,000	\$ 69,000	\$ 40,000		\$ 138,000	\$ 83,000		\$ 386,000	\$ 42,260,000	1.28	\$ 32,960,000	Drop Shaft, Allen Fork PS, FM, and Gravity Sewer
2026	10	\$ 19,740,000	\$ 30,000	\$ 72,000	\$ 46,000	\$ 34,000	\$ 182,000	\$ 99,000		\$ 397,000	\$ 20,418,000	1.32	\$ 15,491,000	Bullittsville PS, FM, and Gravity Sewer
2027	11		\$ 16,000	\$ 48,000	\$ 48,000	\$ 36,000	\$ 148,000	\$ 88,000		\$ 402,000	\$ 638,000	1.35	\$ 471,000	
2028	12		\$ 17,000	\$ 50,000	\$ 50,000	\$ 37,000	\$ 154,000	\$ 90,000		\$ 402,000	\$ 646,000	1.39	\$ 464,000	
2029	13		\$ 17,000	\$ 52,000	\$ 51,000	\$ 39,000	\$ 159,000	\$ 91,000		\$ 402,000	\$ 652,000	1.43	\$ 455,000	
2030	14		\$ 18,000	\$ 54,000	\$ 53,000	\$ 40,000	\$ 165,000	\$ 92,000		\$ 402,000	\$ 659,000	1.47	\$ 448,000	
2031	15		\$ 19,000	\$ 56,000	\$ 55,000	\$ 41,000	\$ 171,000	\$ 93,000		\$ 402,000	\$ 666,000	1.51	\$ 440,000	
2032	16		\$ 20,000	\$ 58,000	\$ 57,000	\$ 43,000	\$ 178,000	\$ 95,000		\$ 402,000	\$ 675,000	1.56	\$ 434,000	
2033	17		\$ 20,000	\$ 60,000	\$ 59,000	\$ 44,000	\$ 183,000	\$ 96,000		\$ 402,000	\$ 681,000	1.60	\$ 426,000	
2034	18		\$ 21,000	\$ 62,000	\$ 61,000	\$ 46,000	\$ 190,000	\$ 97,000		\$ 402,000	\$ 689,000	1.64	\$ 419,000	
2035	19	\$ 1,000,000	\$ 22,000	\$ 64,000	\$ 63,000	\$ 47,000	\$ 196,000	\$ 98,000	\$ 66,300	\$ 402,000	\$ 1,762,000	1.69	\$ 1,043,000	Upsize Taylorsport PS, 10-YR Allen Fork sewer
2036	20		\$ 23,000	\$ 71,000	\$ 65,000	\$ 48,000	\$ 207,000	\$ 99,000	\$ 61,950	\$ 402,000	\$ 770,000	1.74	\$ 443,000	10-YR Clean and CCTV Bullittsville gravity sewer
2037	21		\$ 23,000	\$ 73,000	\$ 67,000	\$ 50,000	\$ 213,000	\$ 100,000		\$ 402,000	\$ 715,000	1.79	\$ 400,000	
2038	22		\$ 24,000	\$ 75,000	\$ 68,000	\$ 51,000	\$ 218,000	\$ 101,000		\$ 402,000	\$ 721,000	1.84	\$ 393,000	
2039	23		\$ 25,000	\$ 77,000	\$ 70,000	\$ 53,000	\$ 225,000	\$ 102,000		\$ 402,000	\$ 729,000	1.89	\$ 386,000	
2040	24	\$ 400,000	\$ 26,000	\$ 79,000	\$ 72,000	\$ 54,000	\$ 231,000	\$ 103,000		\$ 402,000	\$ 1,136,000	1.94	\$ 586,000	15-YR Allen Fork PS and Screening Improvements
2041	25	\$ 200,000	\$ 27,000	\$ 82,000	\$ 74,000	\$ 56,000	\$ 239,000	\$ 103,000		\$ 402,000	\$ 944,000	1.99	\$ 473,000	15-YR Bullittsville PS Improvements
2042	26		\$ 27,000	\$ 84,000	\$ 76,000	\$ 57,000	\$ 244,000	\$ 104,000		\$ 402,000	\$ 750,000	2.05	\$ 366,000	
2043	27		\$ 28,000	\$ 86,000	\$ 78,000	\$ 58,000	\$ 250,000	\$ 105,000		\$ 402,000	\$ 757,000	2.11	\$ 359,000	
2044	28		\$ 29,000	\$ 88,000	\$ 80,000	\$ 60,000	\$ 257,000	\$ 106,000		\$ 402,000	\$ 765,000	2.17	\$ 353,000	
2045	29		\$ 30,000	\$ 90,000	\$ 82,000	\$ 61,000	\$ 263,000	\$ 107,000	\$ 66,300	\$ 402,000	\$ 838,000	2.23	\$ 376,000	10-YR Clean and CCTV Allen Fork gravity sewer
2046	30		\$ 30,000	\$ 92,000	\$ 84,000	\$ 63,000	\$ 269,000	\$ 108,000	\$ 61,950	\$ 402,000	\$ 841,000	2.29	\$ 367,000	10-YR Clean and CCTV Bullittsville gravity sewer
2047	31		\$ 31,000	\$ 95,000	\$ 85,000	\$ 64,000	\$ 275,000	\$ 108,000		\$ 402,000	\$ 785,000	2.35	\$ 333,000	
2048	32		\$ 32,000	\$ 97,000	\$ 87,000	\$ 65,000	\$ 281,000	\$ 109,000		\$ 402,000	\$ 792,000	2.42	\$ 327,000	
2049	33		\$ 33,000	\$ 99,000	\$ 89,000	\$ 67,000	\$ 288,000	\$ 110,000		\$ 402,000	\$ 800,000	2.49	\$ 322,000	
2050	34	\$ 200,000	\$ 33,000	\$ 101,000	\$ 91,000	\$ 68,000	\$ 293,000	\$ 110,000		\$ 402,000	\$ 1,005,000	2.56	\$ 393,000	15-YR Taylorsport PS Improvements
TOTAL PRESENT WORTH														\$ 75,000,000

Notes:

- A discount rate of 2.8% was assumed for NPW.

- Energy cost were calculated based on Duke and Owen invoices, scaled up linearly to projected average daily flows.

- PS O&M cost were calculated based on WOs from Lucity, scaled up logarithmically to average daily flows. EQ tanks O&M costs were assumed to 1% of construction cost was used per year.

- Drop Shaft O&M costs were assumed to be equal to current WO costs at Drop Shaft 1.

- Sewer O&M assumes clean and CCTV every 10 years. Assumed on-road and off-road cleaning costs were \$2/ft. and \$4/ft. CCTV costs were \$1.5 /ft. and \$2.5 / ft.

- Capital Cost includes construction, design, planning, easements, etc., but is listed in the year of construction for NPW.

Bullittsville Flow BCE - Alternative C
Net Present Worth

Fiscal Year	Year No.	Capital Cost	Bullittsville Energy Cost	Taylorsport Energy Cost	Allen Fork Energy Cost	Drop Shaft Energy Cost	Total Energy Cost	Total O&M Cost	Sewer O&M Cost	Total Odor Control Cost	Annual Cost	F/P Factor	Net Present Worth	Comment
2016	0		\$ 13,000	\$ 38,000	\$ 27,000		\$ 78,000	\$ 59,000		\$ 376,000	\$ 513,000	1.00	\$ 513,000	Current Odor Control Costs
2017	1		\$ 15,000	\$ 42,000	\$ 29,000		\$ 86,000	\$ 62,000		\$ 376,000	\$ 524,000	1.03	\$ 510,000	
2018	2	\$ 3,790,000	\$ 16,000	\$ 45,000	\$ 30,000		\$ 91,000	\$ 64,000		\$ 376,000	\$ 4,321,000	1.06	\$ 4,089,000	Initial Allen Fork Upgrades
2019	3	\$ 8,700,000	\$ 17,000	\$ 49,000	\$ 31,000		\$ 97,000	\$ 66,000		\$ 386,000	\$ 9,249,000	1.09	\$ 8,514,000	Initial Bullittsville PS & Tanner Rd. Sewer
2020	4		\$ 21,000	\$ 52,000	\$ 33,000		\$ 106,000	\$ 74,000		\$ 386,000	\$ 566,000	1.12	\$ 507,000	
2021	5		\$ 23,000	\$ 55,000	\$ 34,000		\$ 112,000	\$ 76,000		\$ 386,000	\$ 574,000	1.15	\$ 500,000	
2022	6		\$ 24,000	\$ 59,000	\$ 35,000		\$ 118,000	\$ 78,000		\$ 386,000	\$ 582,000	1.18	\$ 493,000	
2023	7		\$ 26,000	\$ 62,000	\$ 37,000		\$ 125,000	\$ 79,000		\$ 386,000	\$ 590,000	1.21	\$ 486,000	
2024	8		\$ 27,000	\$ 65,000	\$ 38,000		\$ 130,000	\$ 81,000		\$ 386,000	\$ 597,000	1.25	\$ 479,000	
2025	9		\$ 29,000	\$ 69,000	\$ 40,000		\$ 138,000	\$ 83,000		\$ 386,000	\$ 607,000	1.28	\$ 473,000	Tunnel, Shafts, and Gravity Sewer elimination of Bullittsville and Allenfork PS.
2026	10	\$114,170,000	\$ 30,000	\$ 72,000	\$ 41,000	\$ 28,000	\$ 171,000	\$ 99,000		\$ 314,000	\$ 114,754,000	1.32	\$ 87,064,000	
2027	11			\$ 48,000		\$ 29,000	\$ 77,000	\$ 51,000		\$ 314,000	\$ 442,000	1.35	\$ 326,000	
2028	12			\$ 50,000		\$ 31,000	\$ 81,000	\$ 52,000		\$ 314,000	\$ 447,000	1.39	\$ 321,000	
2029	13			\$ 52,000		\$ 32,000	\$ 84,000	\$ 52,000		\$ 314,000	\$ 450,000	1.43	\$ 314,000	
2030	14			\$ 54,000		\$ 33,000	\$ 87,000	\$ 52,000		\$ 314,000	\$ 453,000	1.47	\$ 308,000	
2031	15			\$ 56,000		\$ 35,000	\$ 91,000	\$ 53,000		\$ 314,000	\$ 458,000	1.51	\$ 303,000	
2032	16			\$ 58,000		\$ 36,000	\$ 94,000	\$ 53,000		\$ 314,000	\$ 461,000	1.56	\$ 296,000	
2033	17			\$ 60,000		\$ 37,000	\$ 97,000	\$ 53,000		\$ 314,000	\$ 464,000	1.60	\$ 290,000	
2034	18			\$ 62,000		\$ 38,000	\$ 100,000	\$ 54,000		\$ 314,000	\$ 468,000	1.64	\$ 285,000	
2035	19	\$ 1,000,000		\$ 64,000		\$ 40,000	\$ 104,000	\$ 54,000	\$ 61,750	\$ 314,000	\$ 1,534,000	1.69	\$ 908,000	Upsize Taylorsport PS, 10-YR Clean & CCTV sewers
2036	20			\$ 71,000		\$ 41,000	\$ 112,000	\$ 54,000		\$ 314,000	\$ 480,000	1.74	\$ 276,000	
2037	21			\$ 73,000		\$ 42,000	\$ 115,000	\$ 55,000		\$ 314,000	\$ 484,000	1.79	\$ 271,000	
2038	22			\$ 75,000		\$ 44,000	\$ 119,000	\$ 55,000		\$ 314,000	\$ 488,000	1.84	\$ 266,000	
2039	23			\$ 77,000		\$ 45,000	\$ 122,000	\$ 55,000		\$ 314,000	\$ 491,000	1.89	\$ 260,000	
2040	24			\$ 79,000		\$ 46,000	\$ 125,000	\$ 55,000		\$ 314,000	\$ 494,000	1.94	\$ 255,000	
2041	25			\$ 82,000		\$ 48,000	\$ 130,000	\$ 56,000		\$ 314,000	\$ 500,000	1.99	\$ 251,000	
2042	26			\$ 84,000		\$ 49,000	\$ 133,000	\$ 56,000		\$ 314,000	\$ 503,000	2.05	\$ 245,000	
2043	27			\$ 86,000		\$ 50,000	\$ 136,000	\$ 56,000		\$ 314,000	\$ 506,000	2.11	\$ 240,000	
2044	28			\$ 88,000		\$ 52,000	\$ 140,000	\$ 56,000		\$ 314,000	\$ 510,000	2.17	\$ 235,000	
2045	29			\$ 90,000		\$ 53,000	\$ 143,000	\$ 57,000	\$ 61,750	\$ 314,000	\$ 576,000	2.23	\$ 259,000	10-YR Clean and CCTV gravity sewers
2046	30			\$ 92,000		\$ 54,000	\$ 146,000	\$ 57,000		\$ 314,000	\$ 517,000	2.29	\$ 226,000	
2047	31			\$ 95,000		\$ 55,000	\$ 150,000	\$ 57,000		\$ 314,000	\$ 521,000	2.35	\$ 221,000	
2048	32			\$ 97,000		\$ 57,000	\$ 154,000	\$ 57,000		\$ 314,000	\$ 525,000	2.42	\$ 217,000	
2049	33			\$ 99,000		\$ 58,000	\$ 157,000	\$ 58,000		\$ 314,000	\$ 529,000	2.49	\$ 213,000	
2050	34	\$ 200,000		\$ 101,000		\$ 59,000	\$ 160,000	\$ 58,000		\$ 314,000	\$ 732,000	2.56	\$ 286,000	15-YR Taylorsport PS Improvements
											TOTAL PRESENT WORTH		\$ 110,700,000	

Notes:

- A discount rate of 2.8% was assumed for NPW.

- Energy cost were calculated based on Duke and Owen invoices, scaled up linearly to projected average daily flows.

- PS O&M cost were calculated based on WOs from Lucity, scaled up logarithmical to average daily flows. EQ tanks O&M costs were assumed to 1% of construction cost was used per year.

- Drop Shaft O&M costs were assumed to sum to current WO costs at Drop Shaft 1.

- Sewer O&M assumes clean and CCTV every 10 years. Assumed off-road cleaning costs were \$4/ft and off-road CCTV costs were \$2.5 / ft.

- Capital Cost includes construction, design, planning, easements, etc., but is listed in the year of construction for NPW.

Appendix 06: WRCT Shafts

Shaft 3

8'-0" ID FRP PIPE

SECTION 3

SEE ST-303 FOR SHAFT CAP DETAILS

FINISH GRADE
EL. 844

Rim = ~844

ABOVE
EL. 800

BELOW
EL. 800

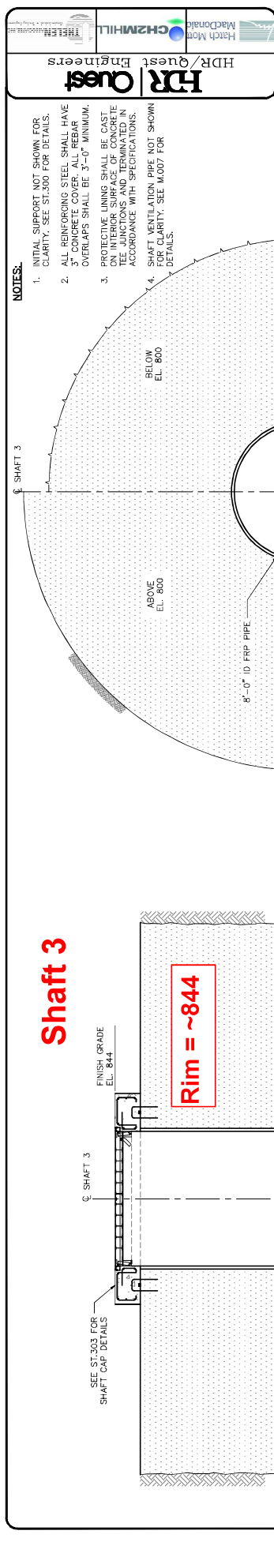
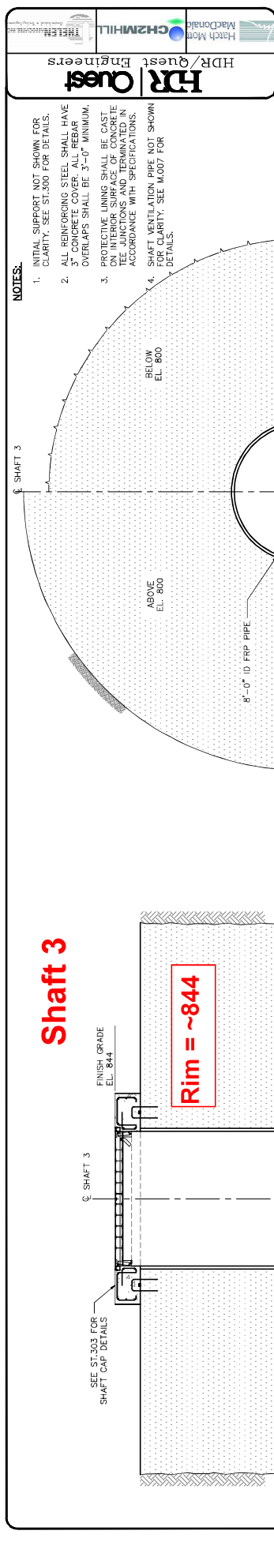
NOTES:

1. INITIAL SUPPORT NOT SHOWN FOR CLARITY. SEE ST-300 FOR DETAILS.
2. ALL REINFORCING STEEL SHALL HAVE 3" CONCRETE COVER. ALL REBAR OVERLAPS SHALL BE 3'-0" MINIMUM.
3. PROTECTIVE LINING SHALL BE CAST ON INTERIOR SURFACE OF CONCRETE AND SHALL BE IN ACCORDANCE WITH SPECIFICATIONS.
4. SHAFT VENTILATION PIPE NOT SHOWN FOR CLARITY. SEE M-007 FOR DETAILS.

Hatch Mordor

CH2M HILL

HDR Quest Engineers



Alternative C
Hand Tunnel and Carrier Sewer
(requires penetration through
liner plates and 8' FRP Pipe

Appendix 07: Burlington and Allen Fork PS Improvements



Sanitation District No. 1 of Northern Kentucky



Burlington and Allen Fork Pump Stations

Summary

June 2016

(revised June 28, 2016)

Hazen

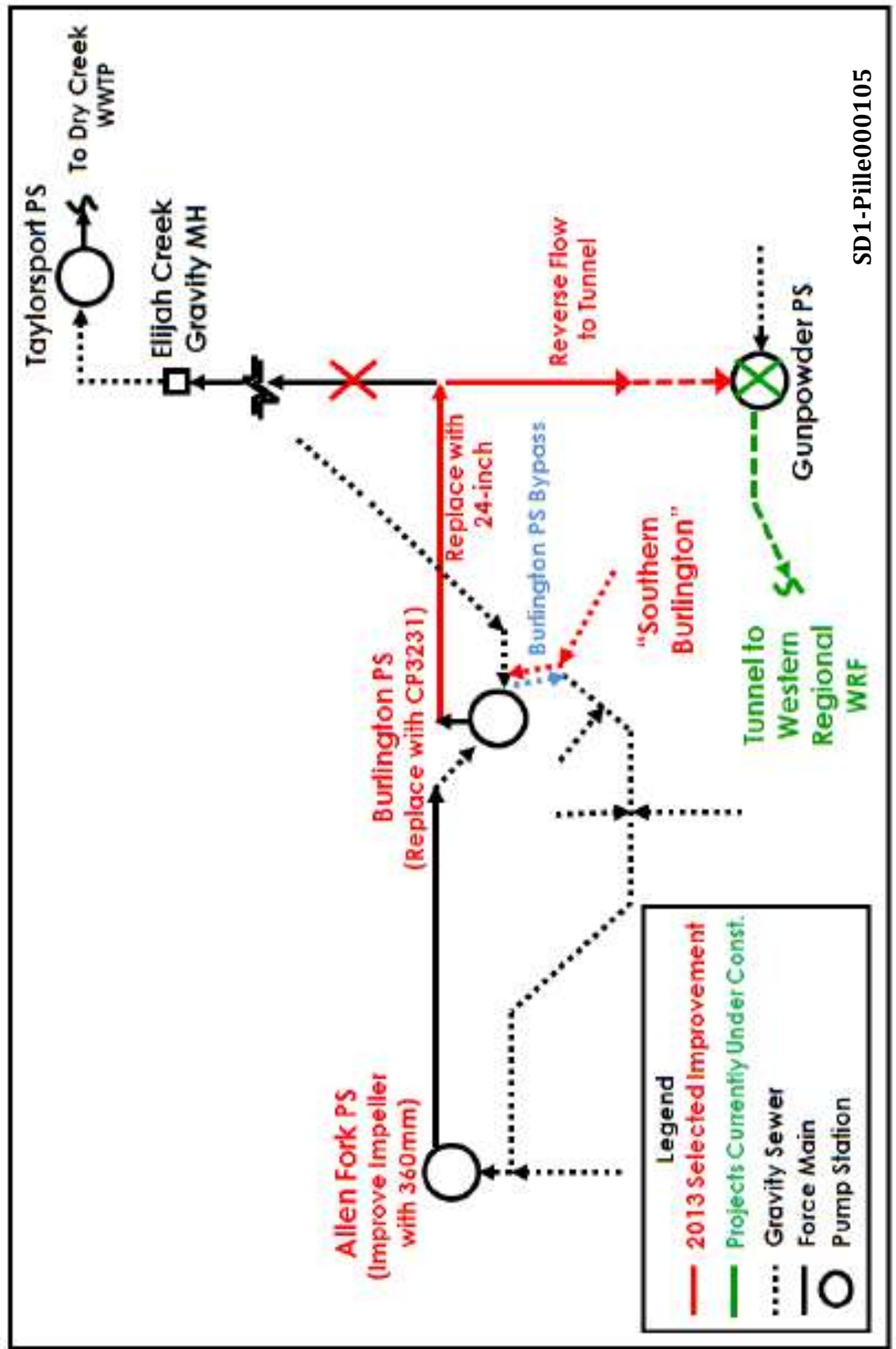
SD1-Pille000103

Outline

- 2014 Allen Fork Plan
- Allen Fork PS
- Allen Fork Trunk Sewer and Southern Burlington Reroute Sewer
- Burlington PS and FM
- Allen Fork and Burlington Integrated Improvements Sequence

[Note: All content included herein assumes existing I&I with no I&I reduction work performed tributary to either Allen Fork or Burlington PSs.]

Overview of 2014 Allen Fork Plan



SD1-Pille000105

Allen Fork Pump Station

Summary

Allen Fork SSOs

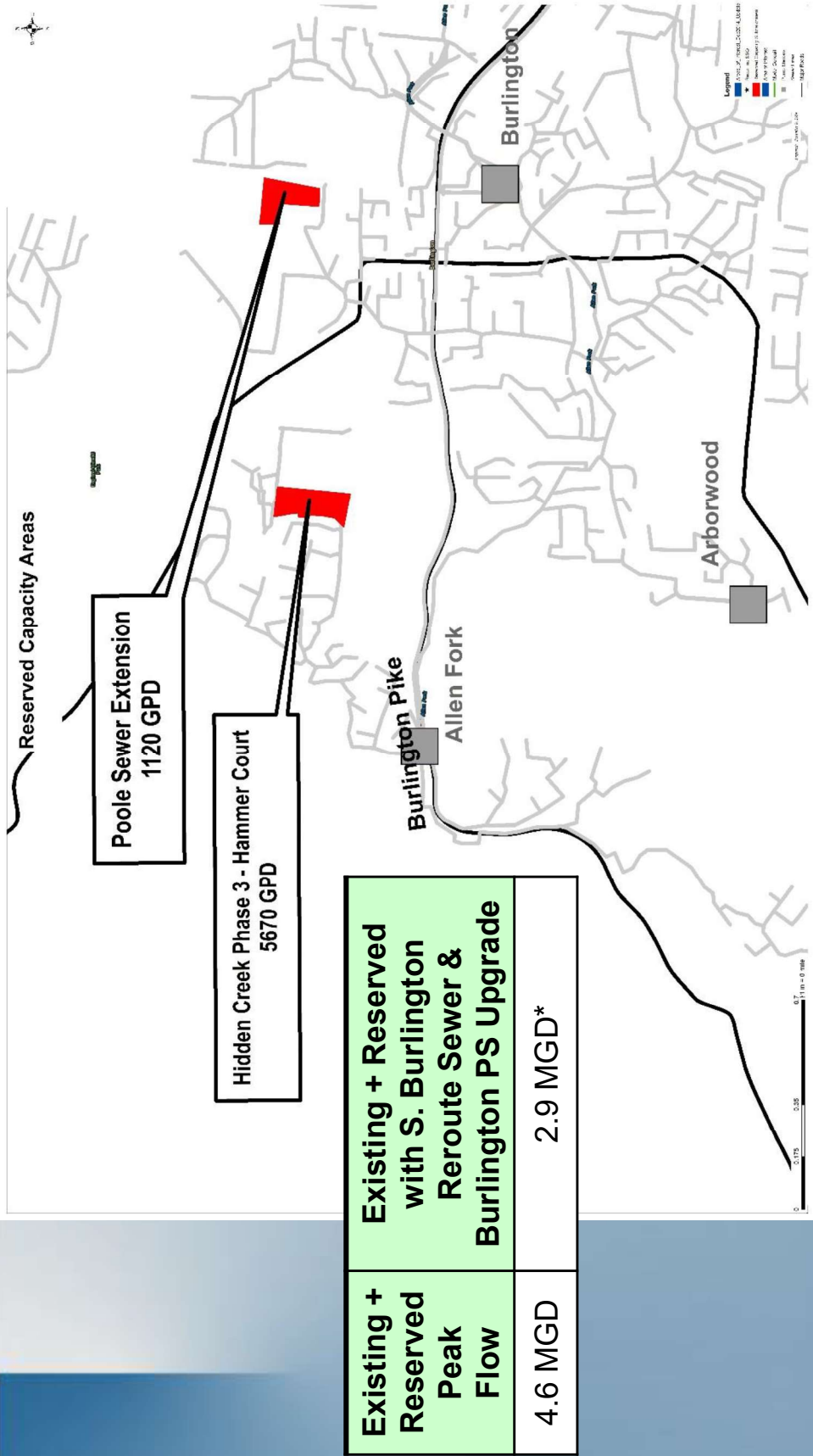
Overflow Status	April 2014 - March 2016				Typical Year	
	Overflowing	Overflow Evidence	Surcharge Evidence	Verification	Total Activations	Volume
CD Listed Recurring		1	1	6	8	0.09

Overflow Status	April 2016 - June 2016					
	Overflowing	Overflow Evidence	Surcharge Evidence	Verification	Total	
CD Listed Recurring	1 ²	1			2	

Notes:

- 1) Wet weather overflows occur at MH 2390002 (recurring SSO) upstream.
- 2) Overflowing indicated at pump station due to equipment malfunction.

Allen Fork PS Influent Sewer

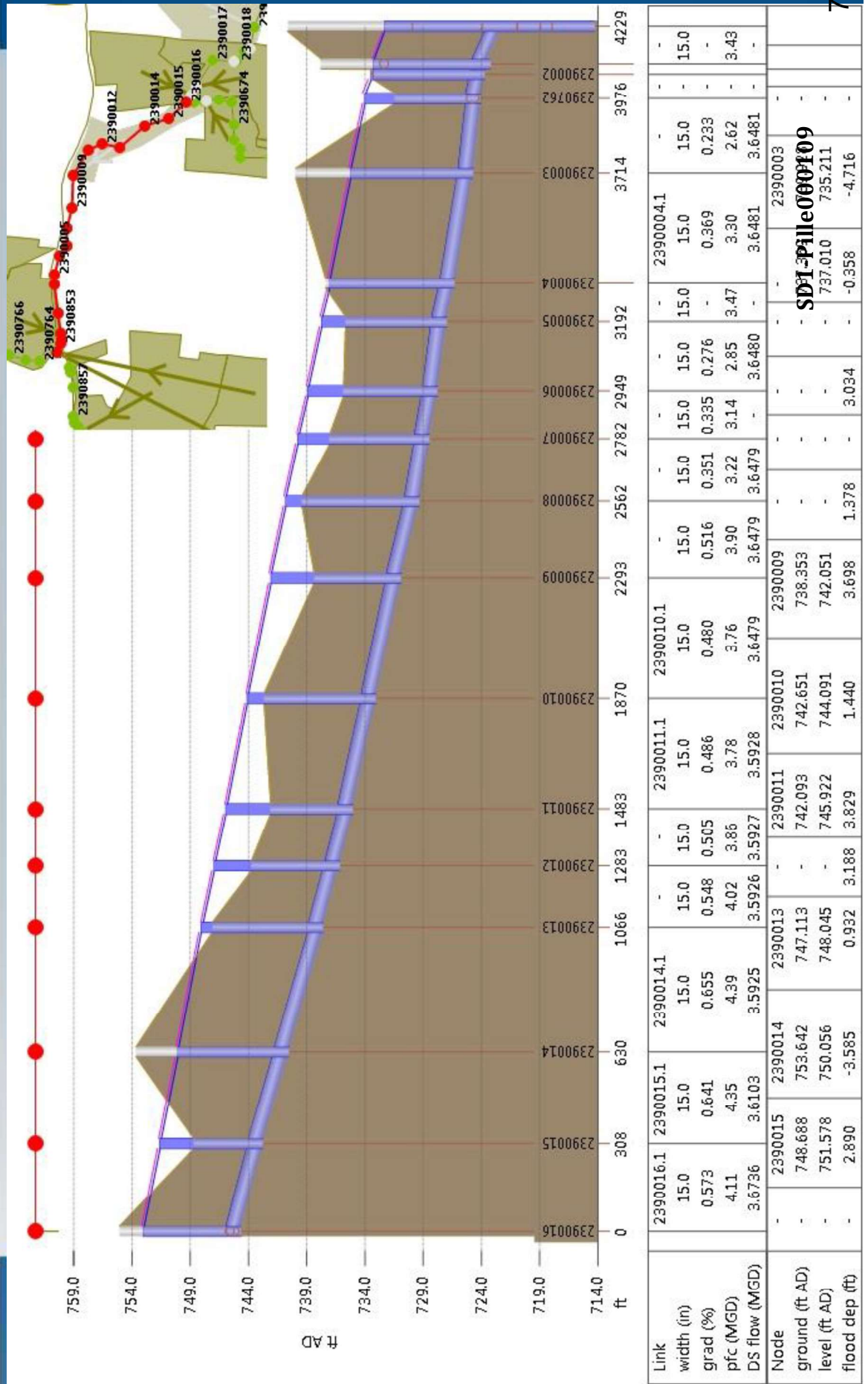


* With southern Burlington reroute sewer but without pump improvements at Burlington PS, peak flow tributary to Allen Fork PS would still be ~4.0 MGD due to flow bypassing Burlington PS back to Allen Fork.

Allen Fork PS Influent Sewer

2YR6HR Peak Flow with Approved Capacity

Reservations & Current Pumping Capacity

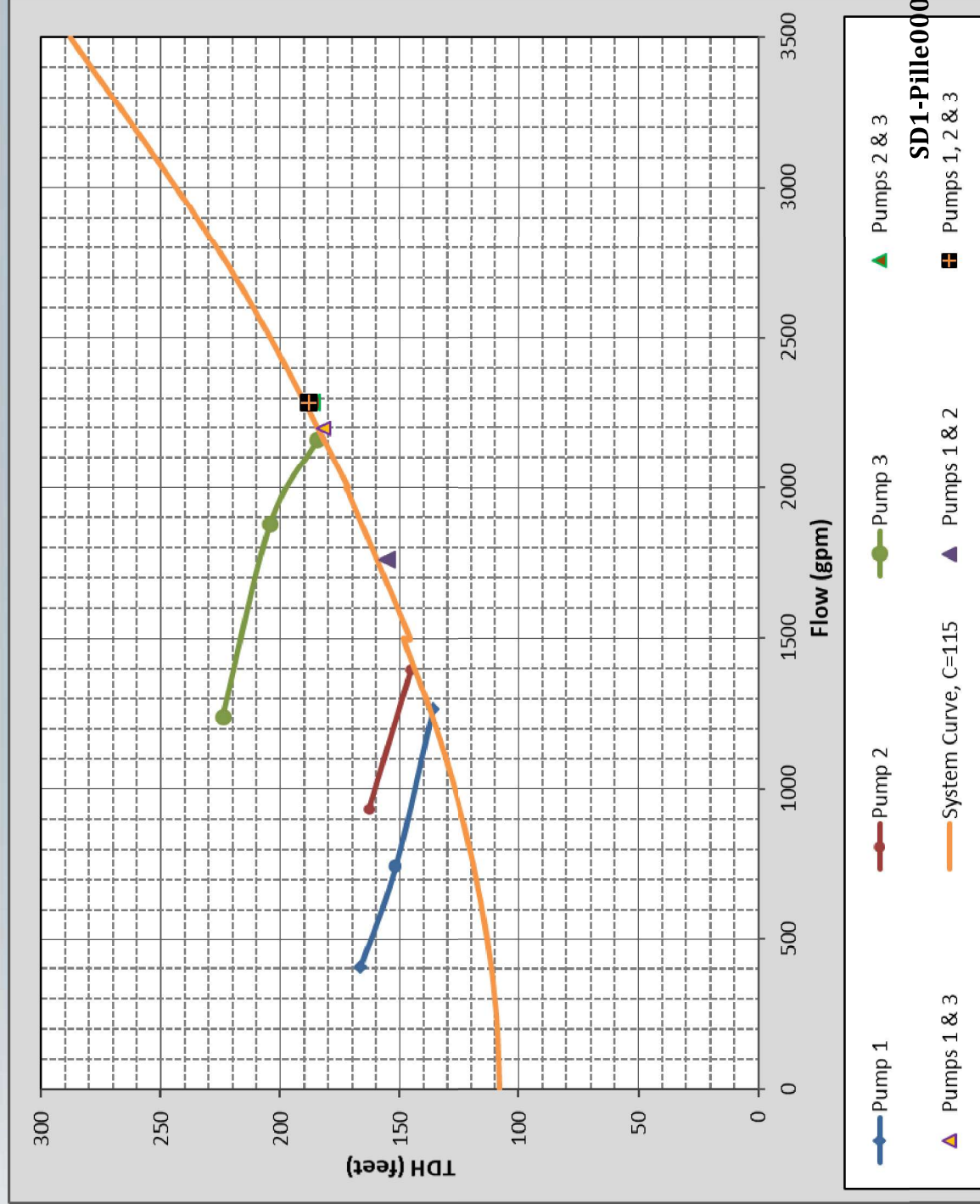


Allen Fork Pump Station

- Existing pumps and impellers
 - Pump 1: Flygt CP-3300 HT with 335 mm impeller
 - Pump 2: Flygt CP-3300 HT with 335 mm impeller
 - Pump 3: Flygt NP-3315 HT with 390 mm impeller
- Existing pumps and impellers
 - 1 Pump: 1.8 – 3.1 MGD
 - 2 Pumps: 2.5 – 3.3 MGD
(firm capacity = 2.5 MGD)
 - 3 Pumps: 3.3 MGD

Allen Fork Pump Station

Existing Pumps Drawdown Results



Allen Fork Pump Station: Concerns with Current Operation

- Pumps 1 and 2 operate at or near shutoff when operating together with Pump 3.
 - Possible cavitation (NPSHR = ~35 ft. at shutoff head)
 - Possible vibration
 - Water in pump volute could boil if operated at shutoff very long.
 - May experience excessive wear on seals, bearings, wear rings, etc. when operating at/near shutoff
 - Wasted electricity when operating at/near shutoff
- Pump 3 operates above motor nameplate hp rating, at or above 1.15 service factor (~150 hp vs. 130 hp rating)
 - Motor could overheat if operated for extended duration
- Velocity in Pump 3 check valve may be ~~excessive~~ ^{SD1-Pille000112}

Existing Allen Fork Pumps 1 & 2 Curve

FLYGT		PERFORMANCE CURVE				PRODUCT		TYPE	
DATE		PROJECT				CURVE NO		ISSUE	
2004-08-24		Allen Fork PS				C3300-63-460		4	
		1/1 LOAD		3/4 LOAD		1/2 LOAD		IMPELLER DIAMETER	
POWER FACTOR		0.87		0.83		0.74		100 hp	
EFFICIENCY		93.0 %		93.0 %		92.5 %		810 A	
MOTOR DATA		93.0 %		92.5 %		92.5 %		117 A	
COMMENTS				INLET/OUTLET		SPEED		1780 rpm	
				- / -		TOT MOM OF INERTIA...		0.91 kgm2	
				IMP. THROUGHLET		NO. OF BLADES		---	
				76 mm				---	
								RATIO	

Existing Allen Fork Pump 3 Curve

NP 3315 HT 3~ 456 Performance curve



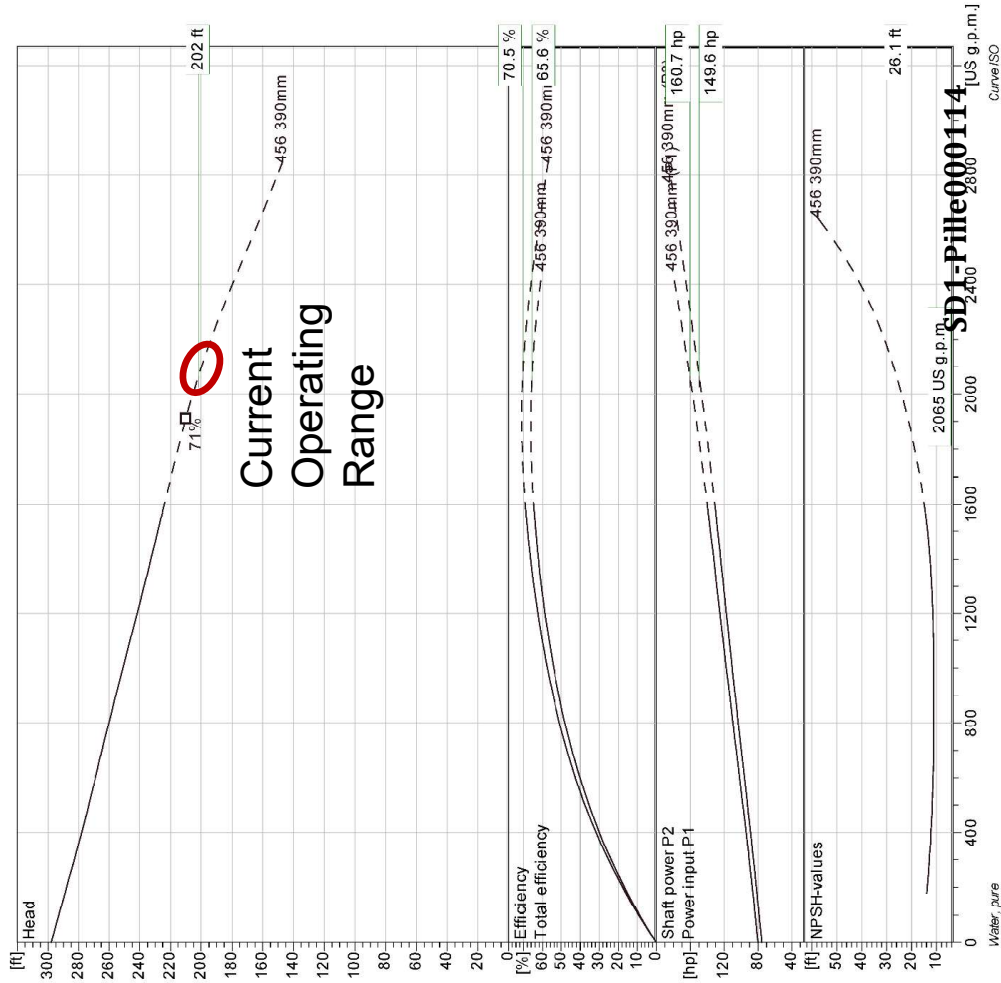
Pump

Discharge Flange Diameter 150 mm
Inlet diameter 150 mm
Impeller diameter 390 mm
Number of blades 3

Motor

Motor # N3315-180 35-35-4AA-W 130hp
Stator variant 1
Frequency 60 Hz
Rated voltage 480 V
Number of poles 4
Phases 3~
Rated power 130 hp
Rated current 155 A
Starting current 746 A
Rated speed 1780 1/min

Power factor
1/1 Load 0.80
3/4 Load 0.75
1/2 Load 0.65
Efficiency
1/1 Load 93.5 %
3/4 Load 94.0 %
1/2 Load 94.0 %



Allen Fork Pump Station: Pump Upgrade Options

- Pumps 1 & 2:
 - Upsize impellers in existing CP3300 HT pumps
 - At least 365 mm, potentially as large as 375 mm
 - May be able to trim original 395 mm impellers rather than purchase new impellers.
 - Replace pumps with NP3315 HT pumps with 367 mm impellers & 130 hp motors
 - Replace pumps with NP3315 HT pumps with ≤ 390 mm impellers & 160 hp motors
- Pump 3:
 - No change (motor operates above nameplate hp)
 - Trim impeller to approximately 367 mm to avoid overloading motor

Allen Fork Pump Station

- Capacities with Upgraded Pumps
(depending on upgrade options selected):
 - 1 Pump: 2.5 – 3.2 MGD
 - 2 Pumps: 3.4 – 4.1 MGD
 - 3 Pumps: 3.8 – 4.1 MGD*

*If NP3315 HT pumps with 390 mm impellers are used, need to confirm if electrical system will support operation of 3 pumps; peak capacity indicated here is with two NP3315 HT pumps with 390 mm impellers.

Allen Fork Pump Station

Pumping Capacities (MGD)

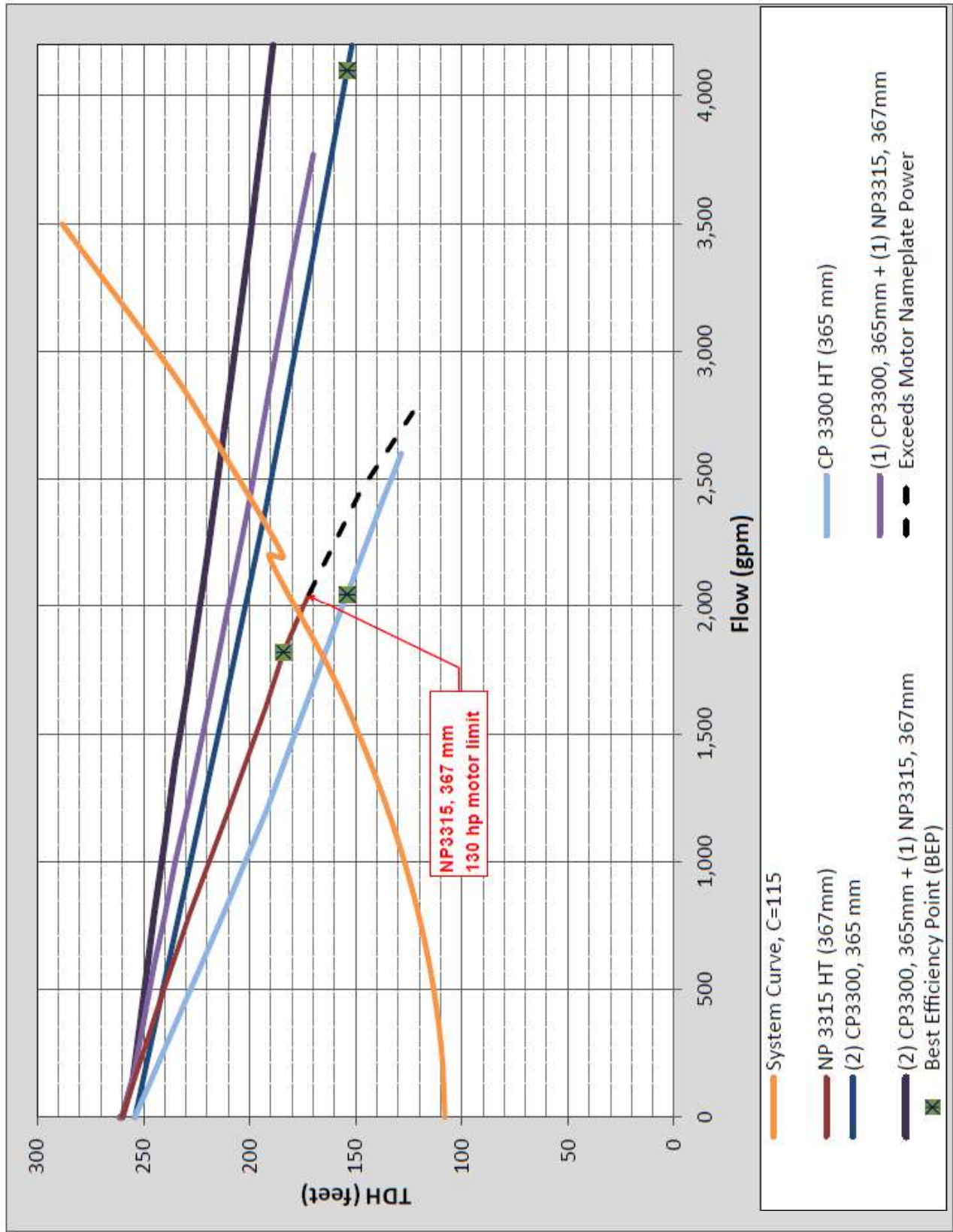
	Current Pumps ¹	Impeller Changes ²	Larger Impellers ³	New 367 mm Pumps ⁴	New 390 mm Pumps ⁵
1 Pump	1.8 – 3.1	2.6 – 2.8	2.8 – 3.1	2.8	3.1 – 3.2
Firm Capacity	2.5	3.1	3.4	3.4	4.1
3 Pumps	3.3	3.8	4.1	4.0	N/A⁶

Notes:

- 1) Pumps 1 & 2 – Flygt CP-3300 HT with 335 mm impellers; Pump 3 – Flygt NP-3315 HT with 390 mm impeller
- 2) Pumps 1 & 2 – Flygt CP 3300 HT with 365 mm impellers; Pump 3 – Flygt NP-3315 HT with 367 mm impeller
- 3) Pumps 1 & 2 – Flygt CP 3300 HT with 375 mm impellers; Pump 3 – Flygt NP-3315 HT with 390 mm impeller
- 4) Assuming all three pumps have Flygt NP-3315 HT pumps with 367 mm impellers and 130 hp motors.
- 5) Assuming Pumps 1 & 2 have new Flygt NP-3315 HT pumps with 390 mm impellers and 160 hp motors and Existing Pump 3 with existing impeller and 130 hp motor.
- 6) Have not confirmed if electrical system will support operation of 3 pumps each @ 150 – 160 hp.

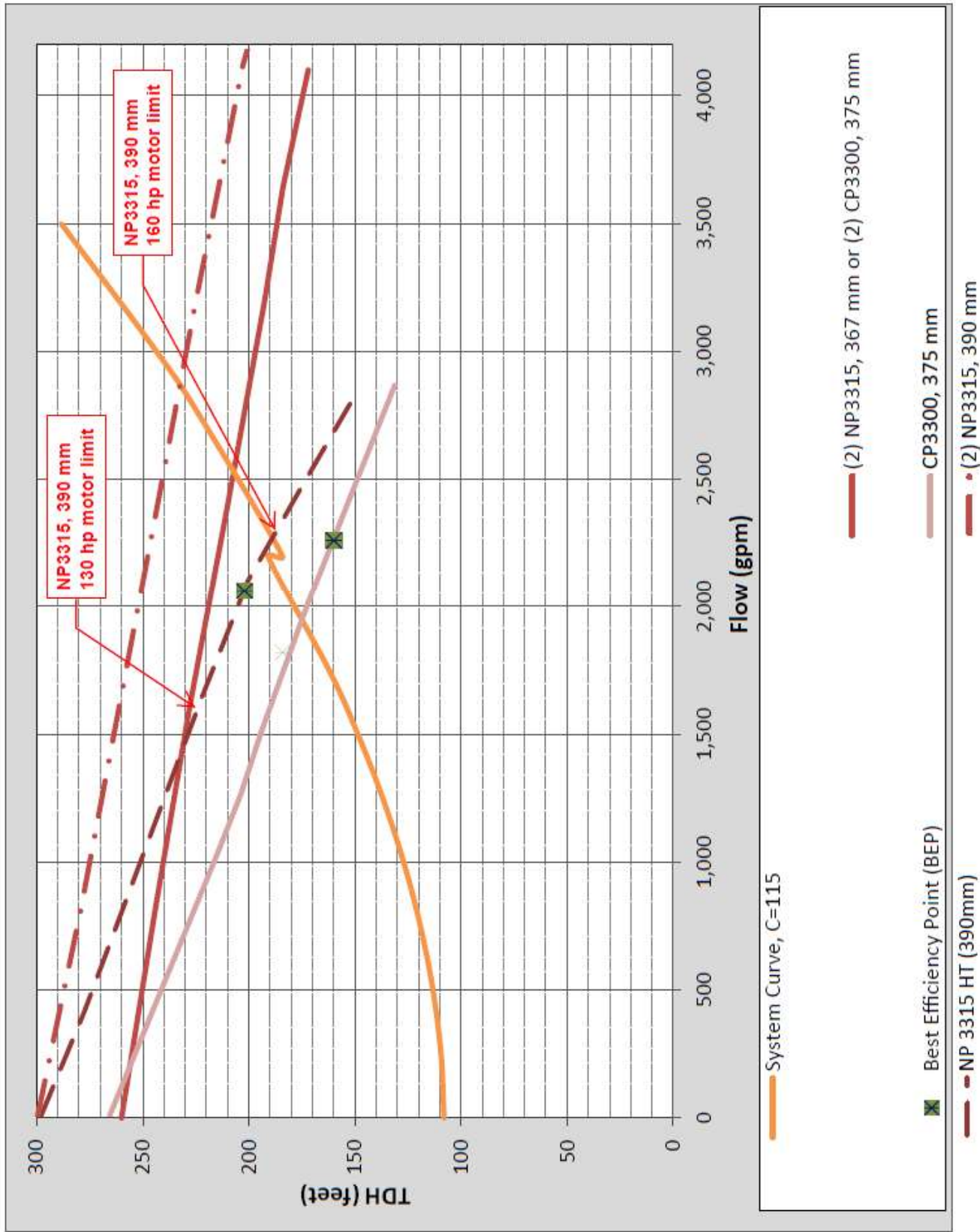
Allen Fork PS Pump and System Curves

With Future Upgrades



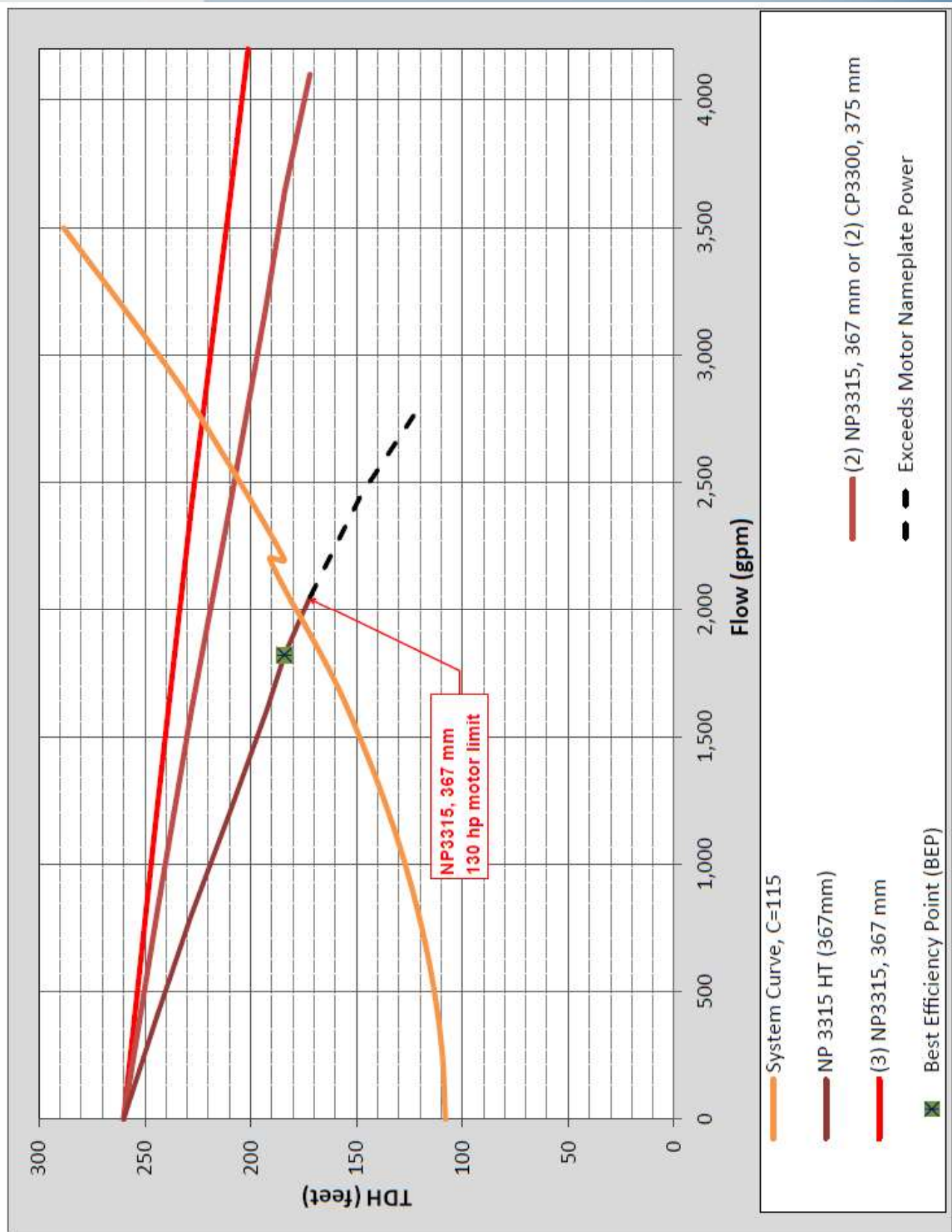
Pumps 1 & 2 – Flygt CP 3300 HT with 365 mm impellers;
 Pump 3 – Flygt NP-3315 HT with 367 mm impeller

SD1-Pille000119



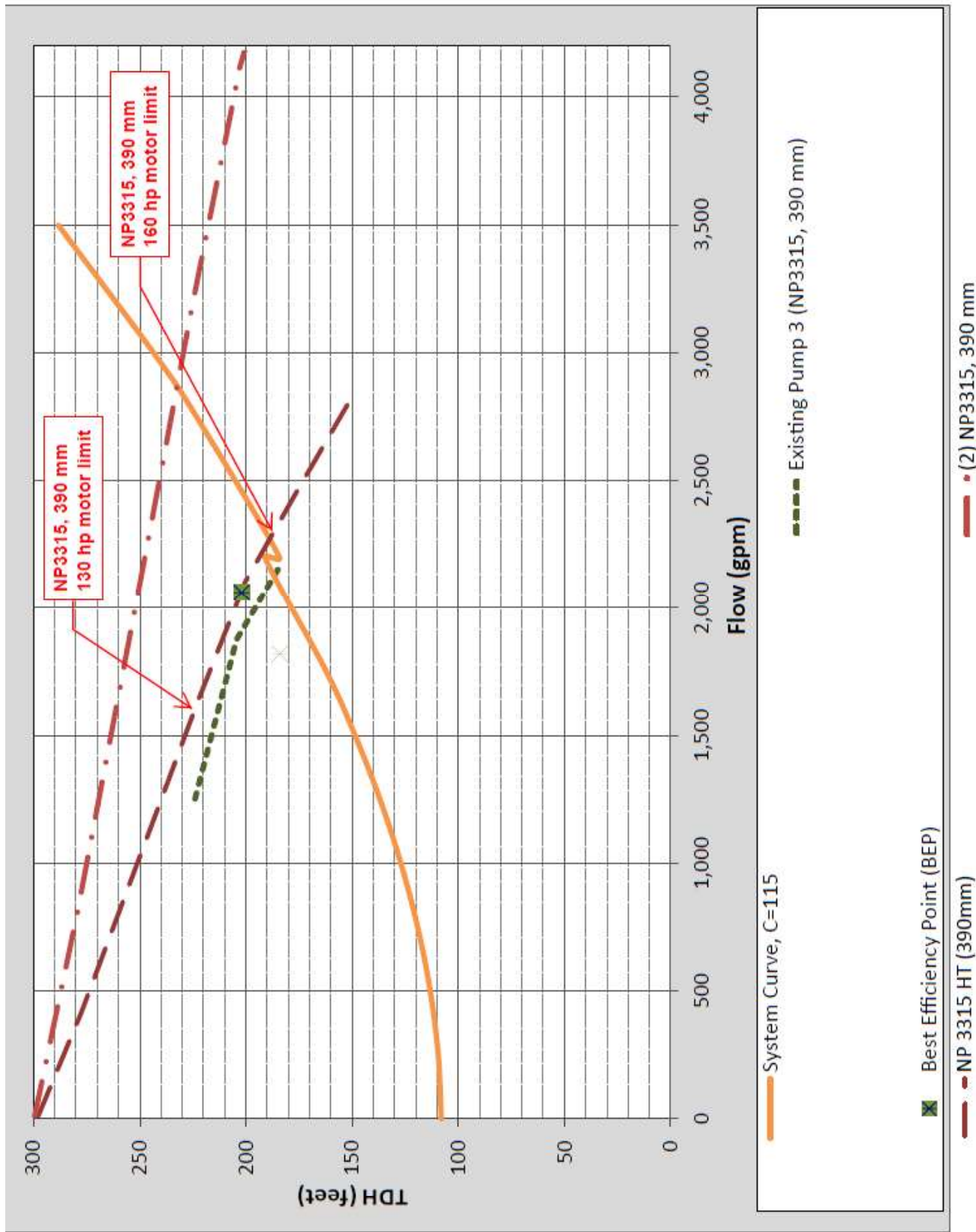
Pumps 1 & 2 – Flygt CP 3300 HT with 375 mm impellers;
 Pump 3 – Flygt NP-3315 HT with 390 mm impeller

SD1-Pille000120



All three pumps - Flygt NP-3315 HT pumps with 367 mm impellers and 130 hp motors

SD1-Pille000121



Pumps 1 & 2 - new Flygt NP-3315 HT pumps with 390 mm impellers and 160 hp motors:
 Existing Pump 3 with existing Impeller and 130 hp motor
SD1-Pille000122

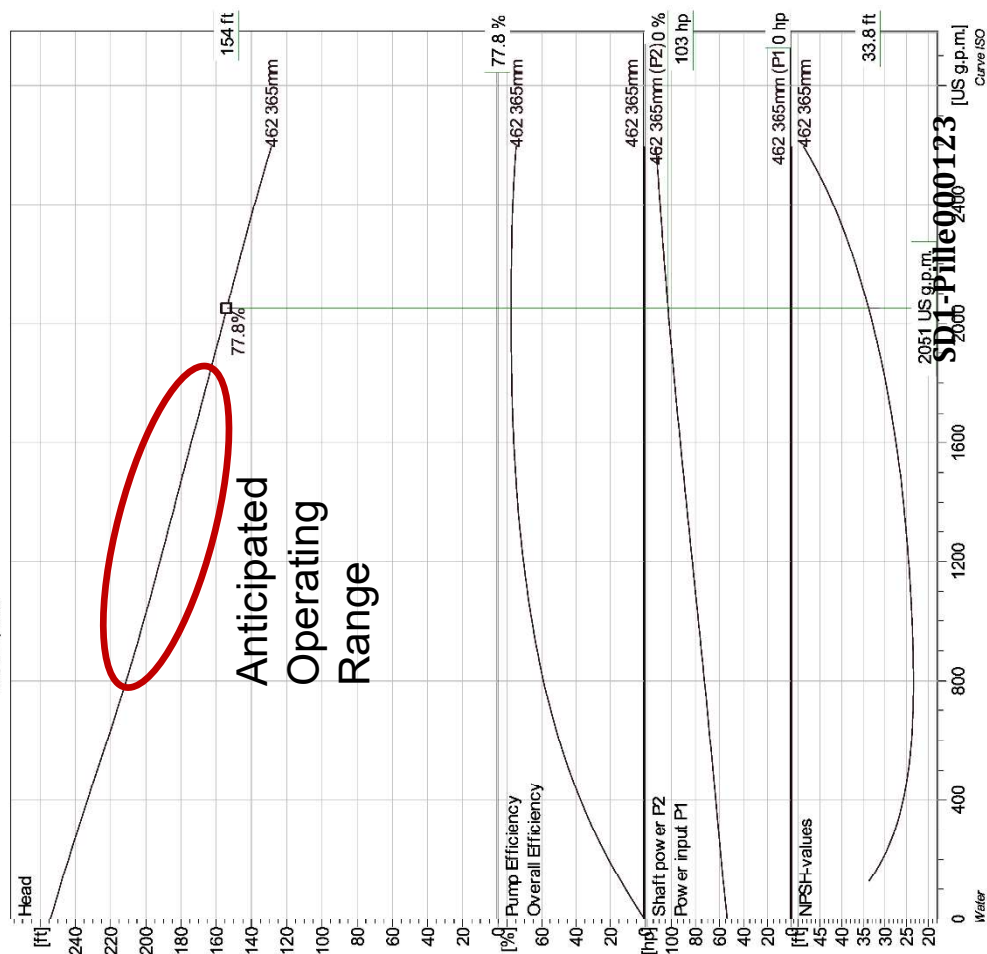
xylem

Performance curve

Motor

Standard

Power factor	Pump Efficiency
1/1 Load	1/1 Load
3/4 Load	3/4 Load
1/2 Load	1/2 Load



NP 3315 HT 3~ 458

Performance curve

Pump

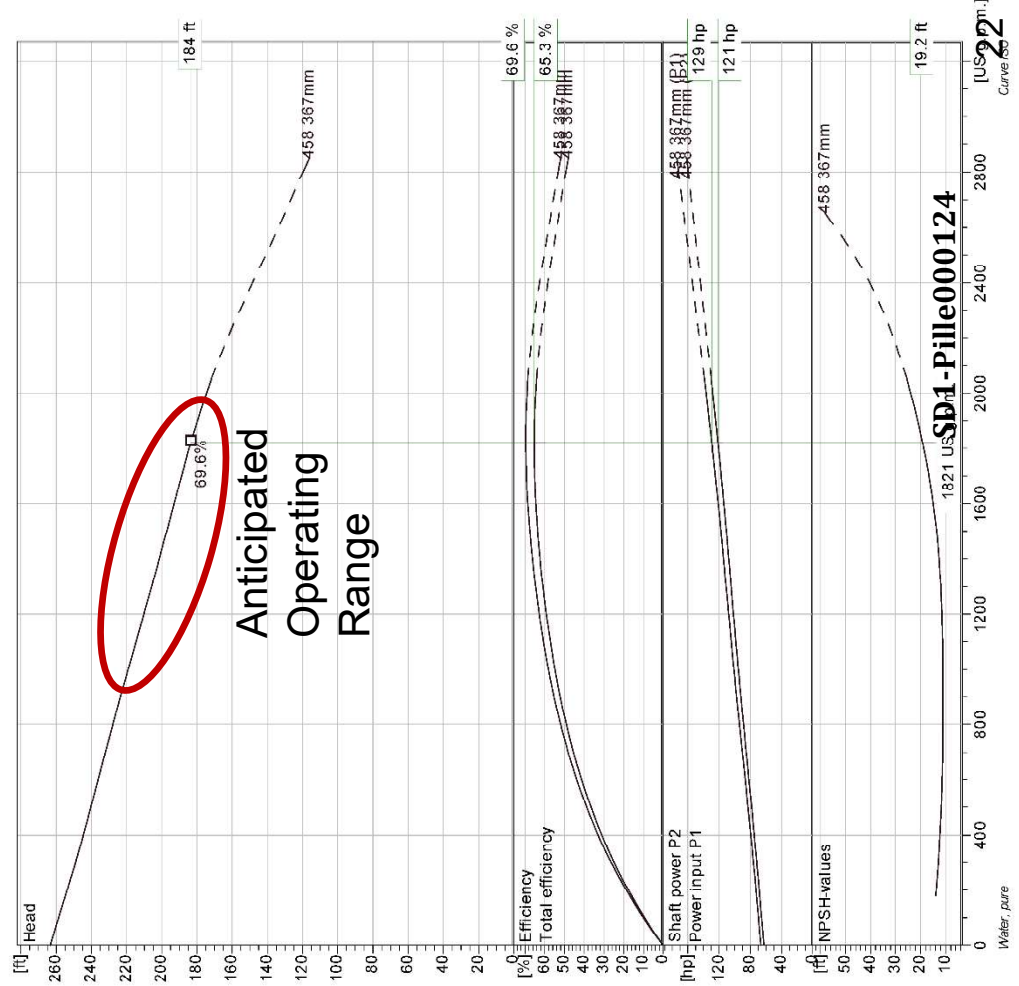
Discharge Flange Diameter 150 mm
Inlet diameter 150 mm
Impeller diameter 367 mm
Number of blades 3

Motor

Motor #
Stator variant
Frequency 60 Hz
Rated voltage 480 V
Number of poles 4
Phases 3~
Rated power 130 hp
Rated current 155 A
Starting current 746 A
Rated speed 1790 1/min

Power factor
1/1 Load 0.80
3/4 Load 0.75
1/2 Load 0.65

Efficiency
1/1 Load 93.5 %
3/4 Load 94.0 %
1/2 Load 94.0 %



**Existing
Allen Fork
Pump 3
Curve with
367 mm
Impeller
(also option
for new
Pumps 1 & 2**

Existing Allen Fork Pumps 1 & 2 Curve w/ 375 mm Impellers (Installed w/ NP3315, 390 mm)

xylem

CP 3300 HT 3~462

Performance curve

Pump

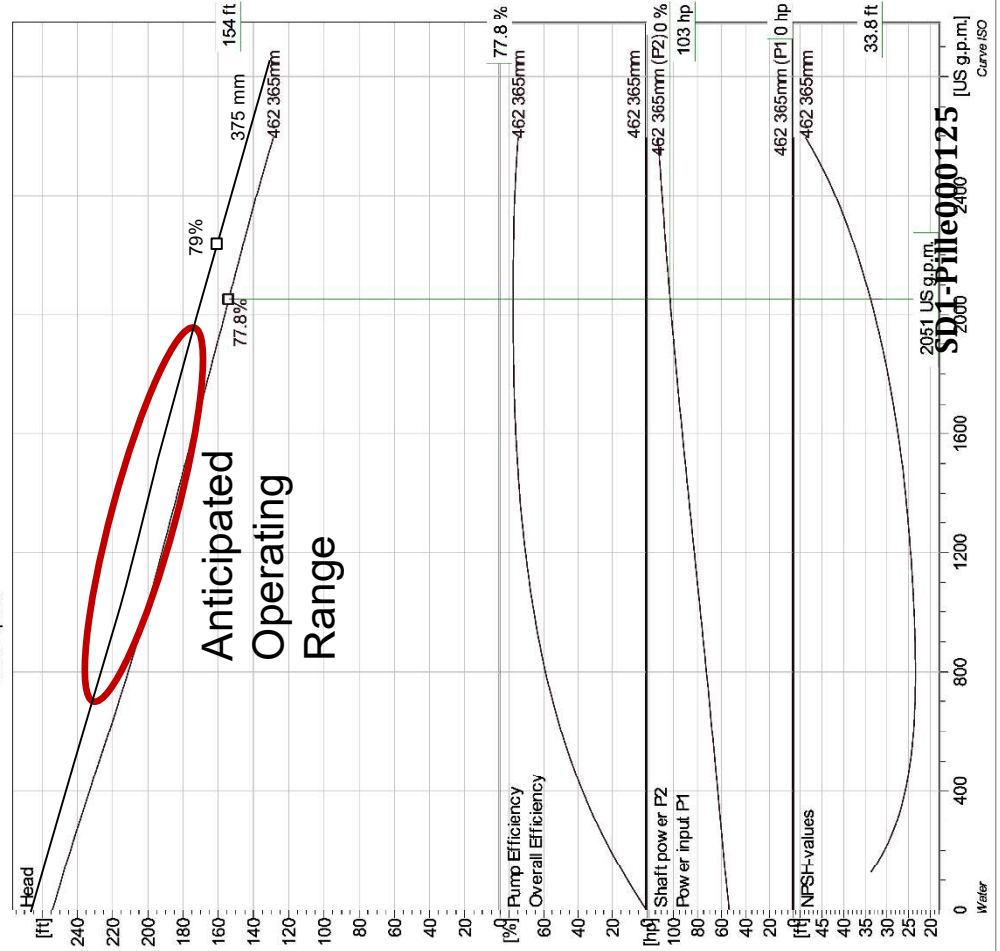
Discharge Flange Diameter 5 7/8 Inch
Inlet diameter 150 mm
Impeller diameter 14 1/8"
Number of blades 2
3 inch

Motor

Motor #
Approval
Stator variant
Frequency
Rated voltage
Number of poles
Phases
Rated power
Rated current
Starting current
Rated speed

Standard

Power factor
1/1 Load
3/4 Load
1/2 Load
Pump Efficiency
1/1 Load
3/4 Load
1/2 Load

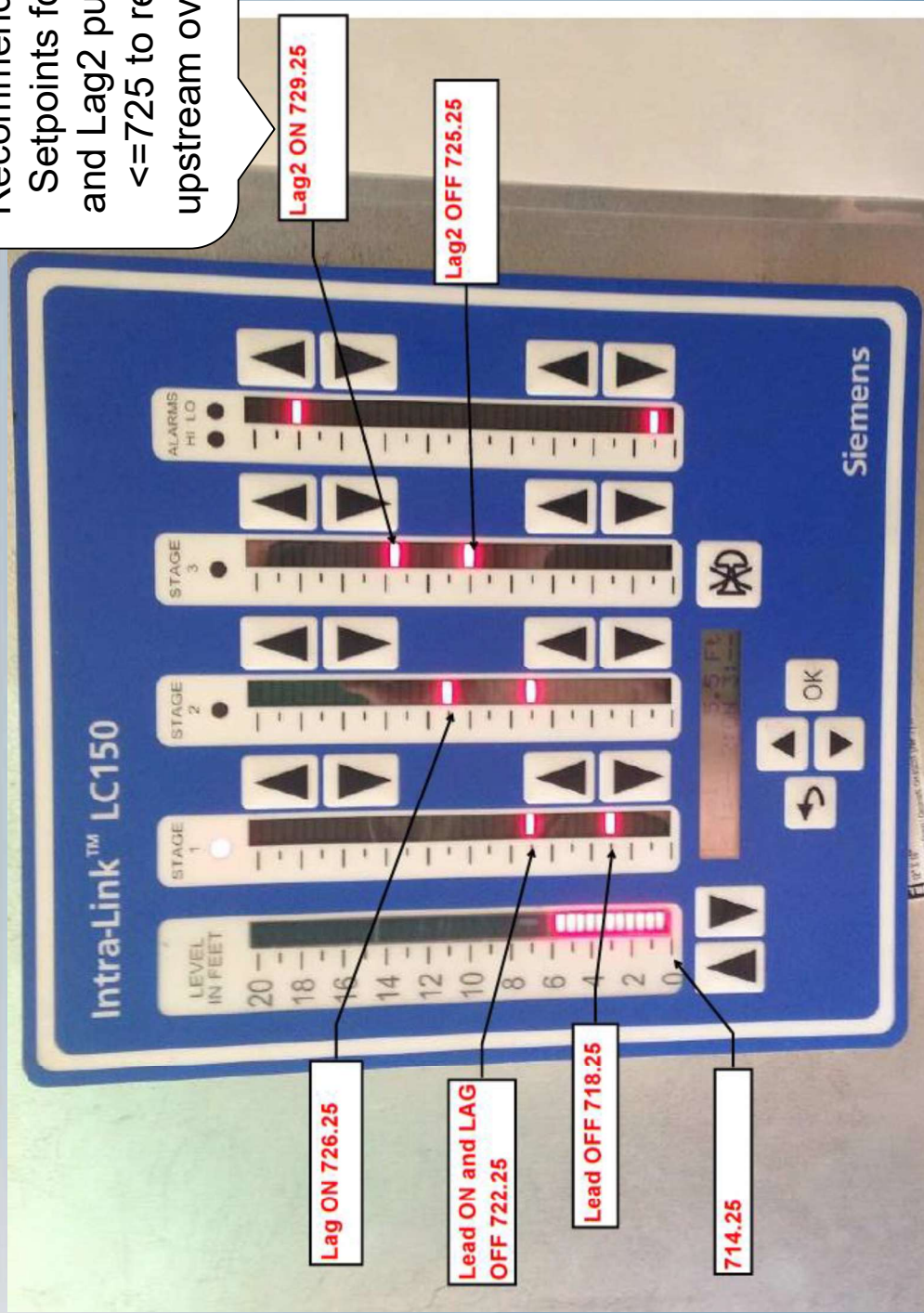


Allen Fork PS Pump Upgrade Recommendations

- Pumps 1 & 2:
 - Recommend replace with NP3315 HT pumps with 390 mm impellers & 160 hp motors if electrical system can accommodate (otherwise, 367 mm impellers & 130 hp motors)
 - Note: Existing CP3300 HT pumps with larger impellers would run outside (left of) allowable operating range (i.e. <50% of flow at BEP)
- Pump 3:
 - Monitor amp draw (vs. nameplate FLA and service factor) and condition of motor.
 - If motor exceeds nameplate service factor, motor overloads begin to trip, and/or motor condition otherwise deteriorates, trim impeller to ~367 mm

Allen Fork PS Level Settings (Existing and Upgraded Pumps)

Recommend Lower
Setpoints for Lag
and Lag2 pumps to
<=725 to reduce
upstream overflows



SD1-Pille000127

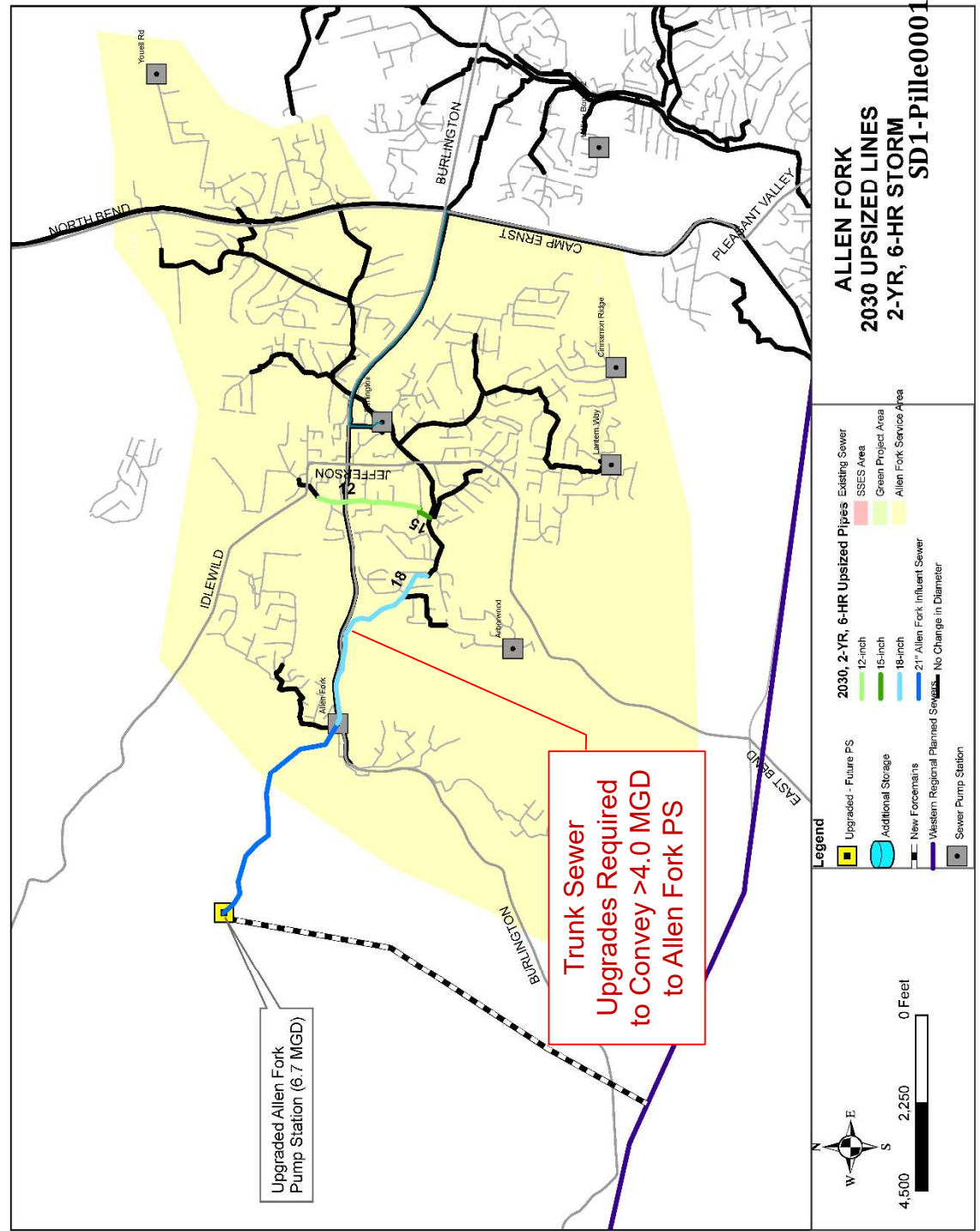
Allen Fork PS Surge Concerns (with Upgraded Pumps)

- No surge modeling or transient pressure monitoring of Allen Fork PS/FM has been performed
- Recommend transient pressure monitoring with existing pumps
- Recommend surge modeling with upgraded pumps to assess conditions, including check valve operation
- Check valve modifications or other surge improvements may be needed

Allen Fork Trunk Sewer and Southern Burlington Reroute Sewer

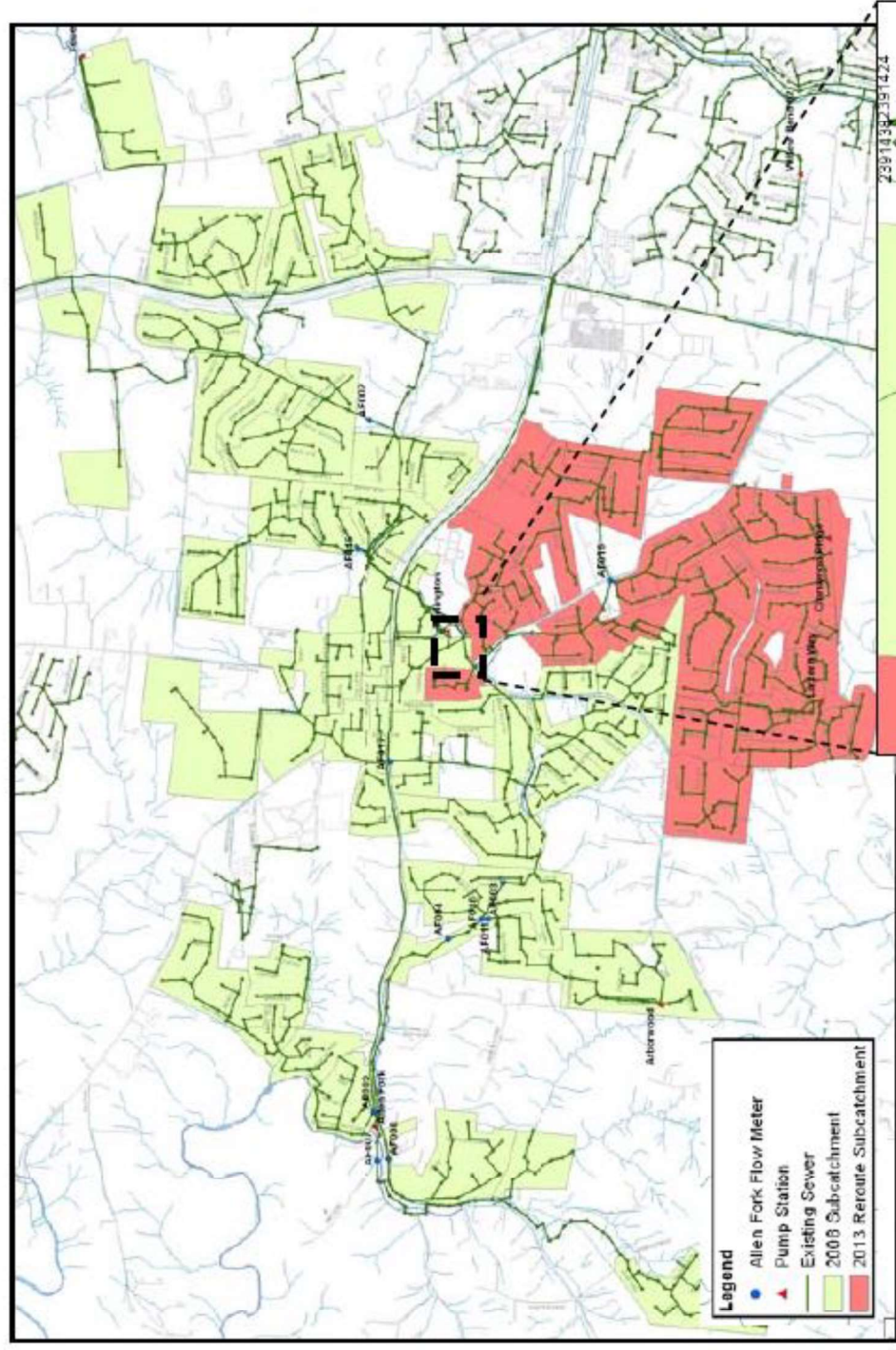
Overview

Allen Fork Trunk Sewer Watershed Plan Recommendations



Southern Burlington Reroute Sewer

Figure 7: Southern Burlington Area to Re-route

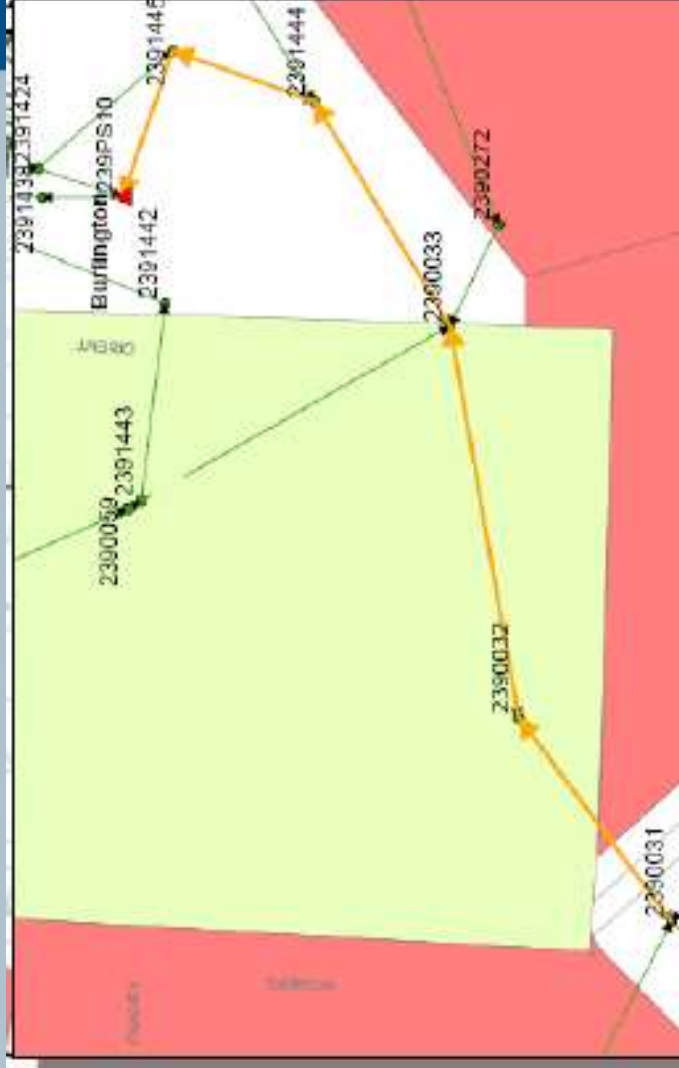


From *Allen Fork Collection System Improvements Technical Memorandum*, p. 12, April 16, 2010, Malcolm Pimie.
SD1-Pille000131

Southern Burlington Reroute Sewer

- Approximately 1,300 ft. 15" gravity sewer
- Install gates at MH 2390031 to allow flow to be diverted to either Burlington PS or Allen Fork PS

The sewer highlighted in orange is the proposed re-route of the Southern Burlington Gravity Sewers between MH 2390031 and the Burlington PS through MH2391445.



From *Allen Fork Collection System Improvements Technical Memorandum*, p. 12, April 16, 2010, Malcolm Pirnie.

SD1-Pille000132

[Note: Project will result in >=15% electrical cost savings at Allen Fork PS.]

Burlington Pump Station and Force Main

Summary

Burlington PS / FM Previous Improvements Stages

- Stage 1: Burlington & Gunpowder PSs to Taylorsport PS; ended April 2012
- Stage 2: Burlington PS to Taylorsport PS, Gunpowder PS offline; ended July 2012
- Stage 3a: Burlington PS to WRC Tunnel via original Gunpowder FM; ended 2013
- Stage 3b: Burlington PS to Tunnel with new 24" FM constructed w/ KTC KY-237 highway work; current operation

Burlington PS with Current (Stage 3b) Configuration

Model Predicted 2YR6HR Inflow:

Current Peak Inflow (MGD)	2YR Inflow (MGD) with South Burlington Sewer Reroute
5.9 – 6.6	7.6 – 8.3

Notes:

- 1) Current capacity reservations included
- 2) Ranges represent flows with existing vs. future upgraded Allen Fork PS capacities.

- Capacity with Ex. Flygt NP-3231 Pumps
 - 1 Pump: 4.5 MGD
 - 2 Pumps: 5.6 MGD
 - Peak Velocity in 12" FM: ~10 fps
 - Peak Velocity in 24" FM: ~3 fps
 - 3 Pumps: 6.0 – 6.7 MGD*

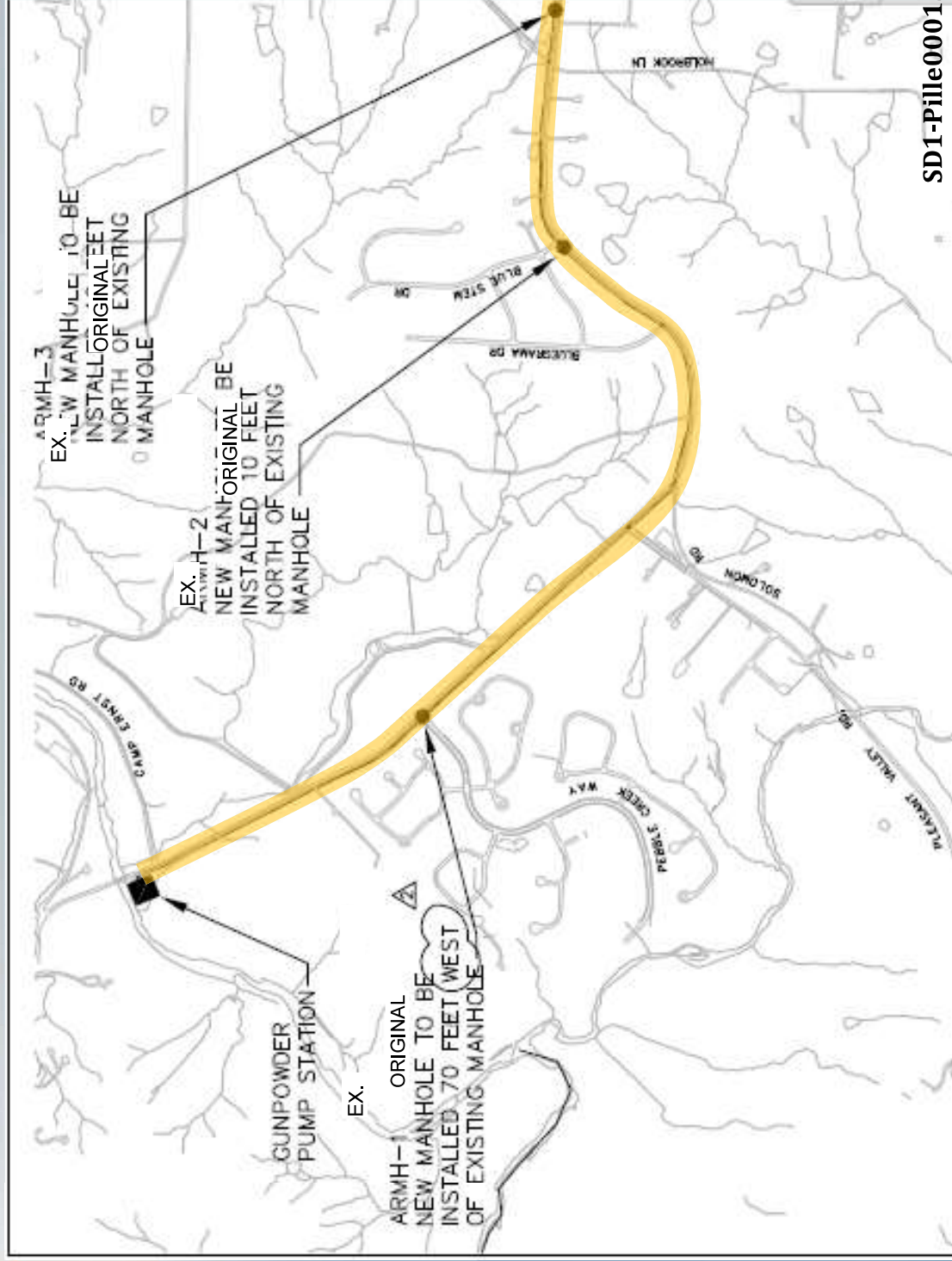
* Capacity to be confirmed through updated modeling

* Feasibility of operating 3 pumps concurrently still to be confirmed—
i.e. electrical system and surge conditions (see later slides).

Burlington PS / FM Future Improvements Stages

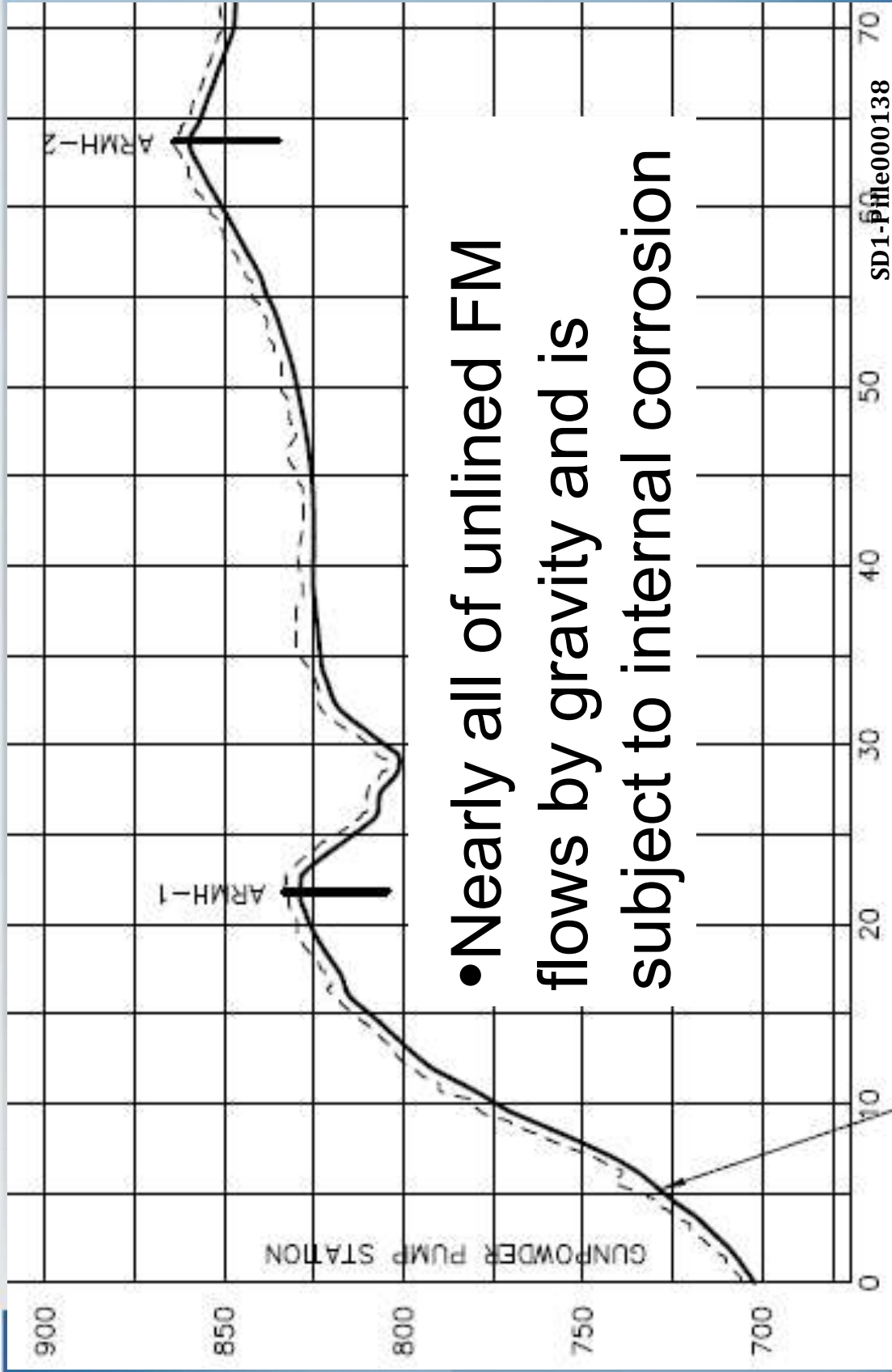
- Stage 3c: Burlington PS to Tunnel with CIPP lining of remaining original Gunpowder 24" FM along Camp Ernst Rd.; recommended by 2017
- Stage 4a*: Replace or rebuild Burlington PS pumps (different impeller) and replace remaining 12" FM along KY-18
- [Note: It appears that Stage 4a may be completed prior to Stage 3c.]
- Stage 4b*: Upsize piping in Burlington PS
- Stage 4c*: Replace or parallel 16" FM along South Orient St.
- Stage 4d*: Upsize Burlington PS impellers

7,100 ft. Exist. Unlined 24" Force Main Along Camp Ernst Rd.



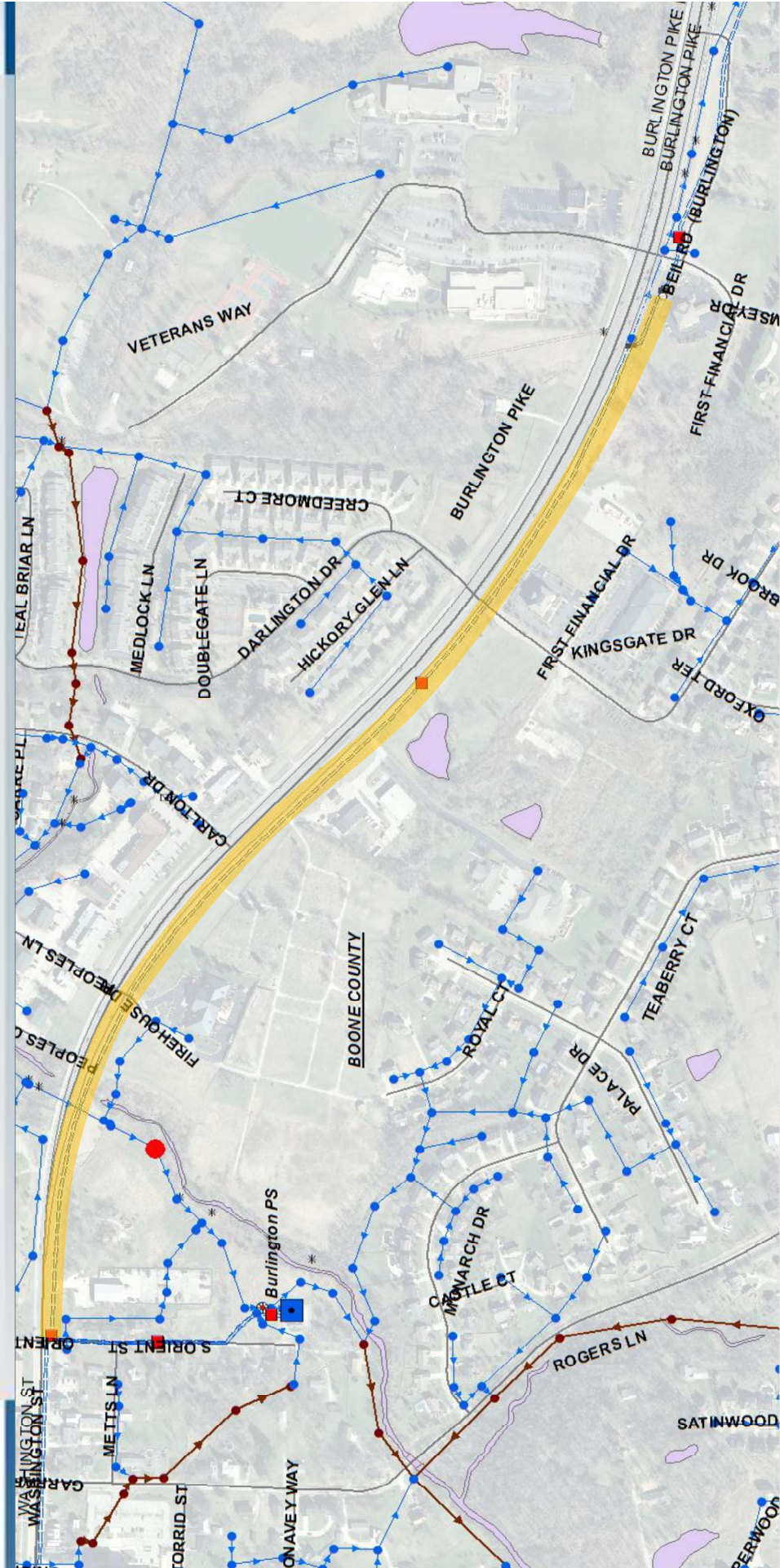
SD1-Pille000137

7,100 ft. Exist. Unlined 24" Force Main Along Camp Ernst Rd.



Distance from Gunpowder PS (X100 Feet)

Upsize ~4,130 ft. of 12" Force Main to 24" Along KY-18



SD1-Pille000139

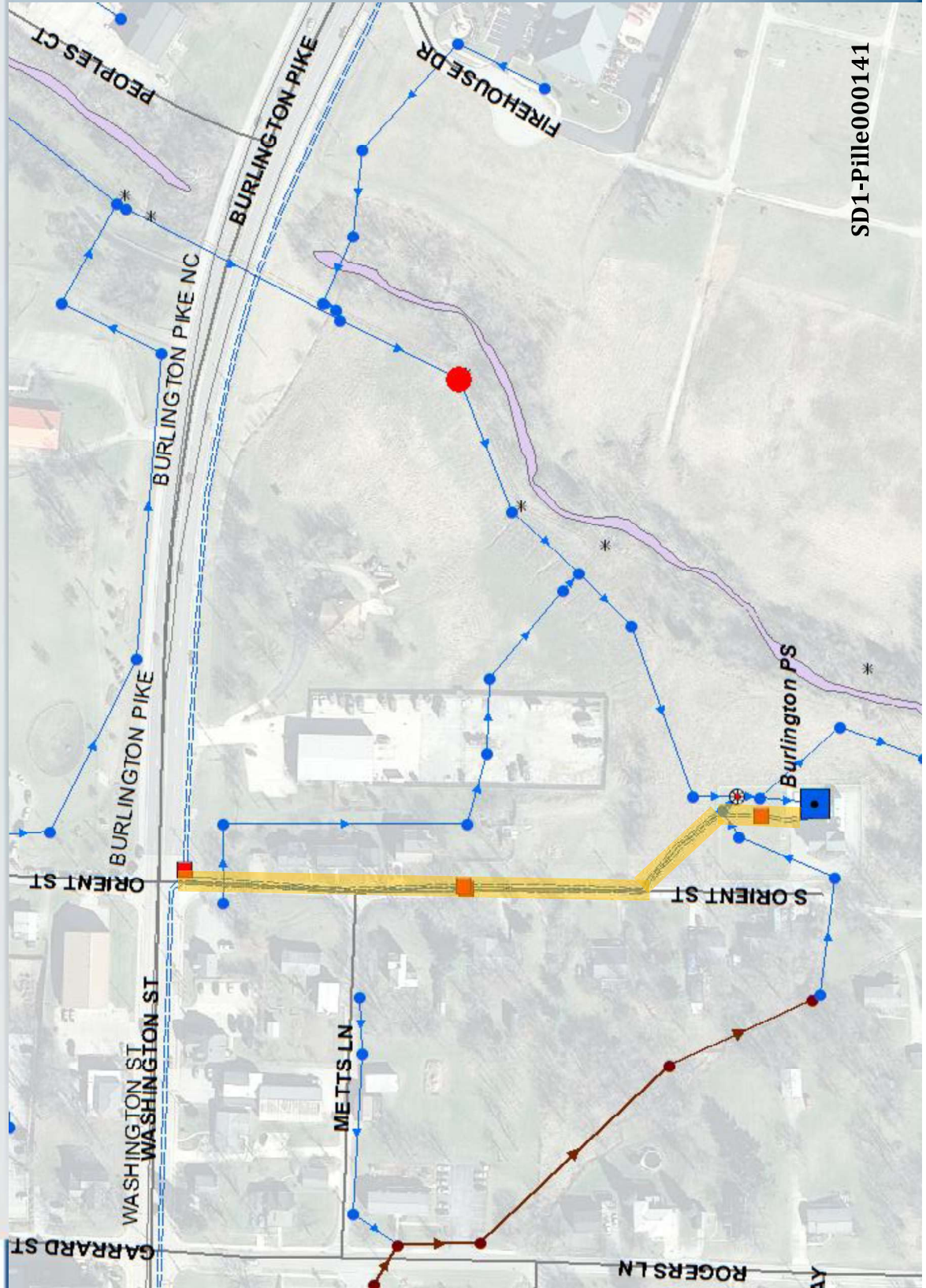
SD1-Pille000139

Proposed Burlington Pump Upgrades (2011 Dollars)

- New CP-3231 pumps: \$71,000 each
- Parts to rebuild existing NP-3231 pumps to CP-3231: \$36,000 each
- Labor to rebuild pumps: \$2,600 each
- Rebuild (worst-case) includes complete replacement of wet-end, shaft, impeller, bearing stack, etc.
- Before rebuilding pumps, check with Flygt for new N-impeller options

[Note: Cost of pump replacement will be recovered within ~3 years through SD1-Pille000140 electrical cost savings due to reduced system head (i.e. by upsizing 12" FM).]

Upsize ~900 ft. of 16" Force Main to 24" Along S. Orient St.



SD1-Pille000141

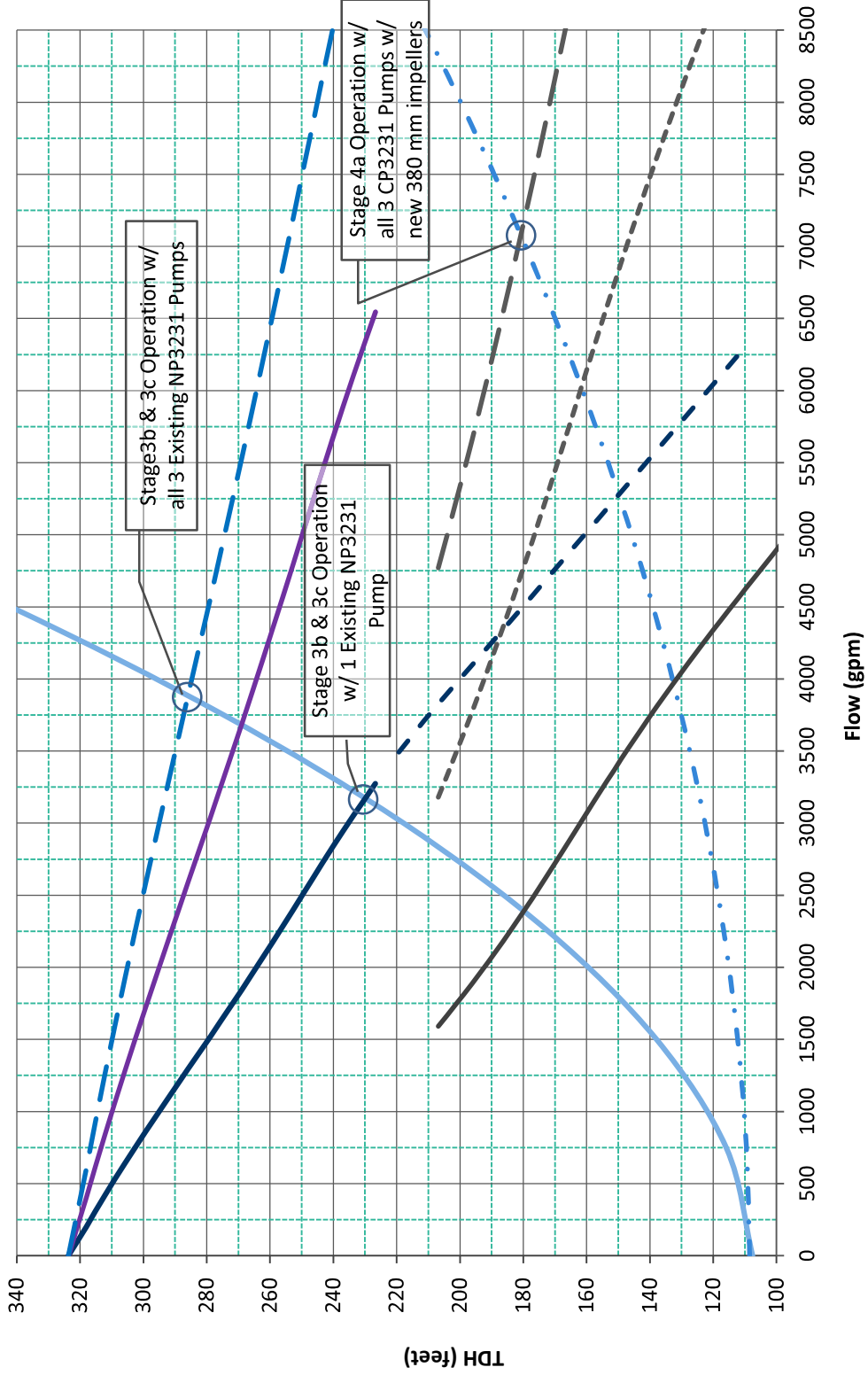
Burlington Pump Station

Firm Pumping Capacities

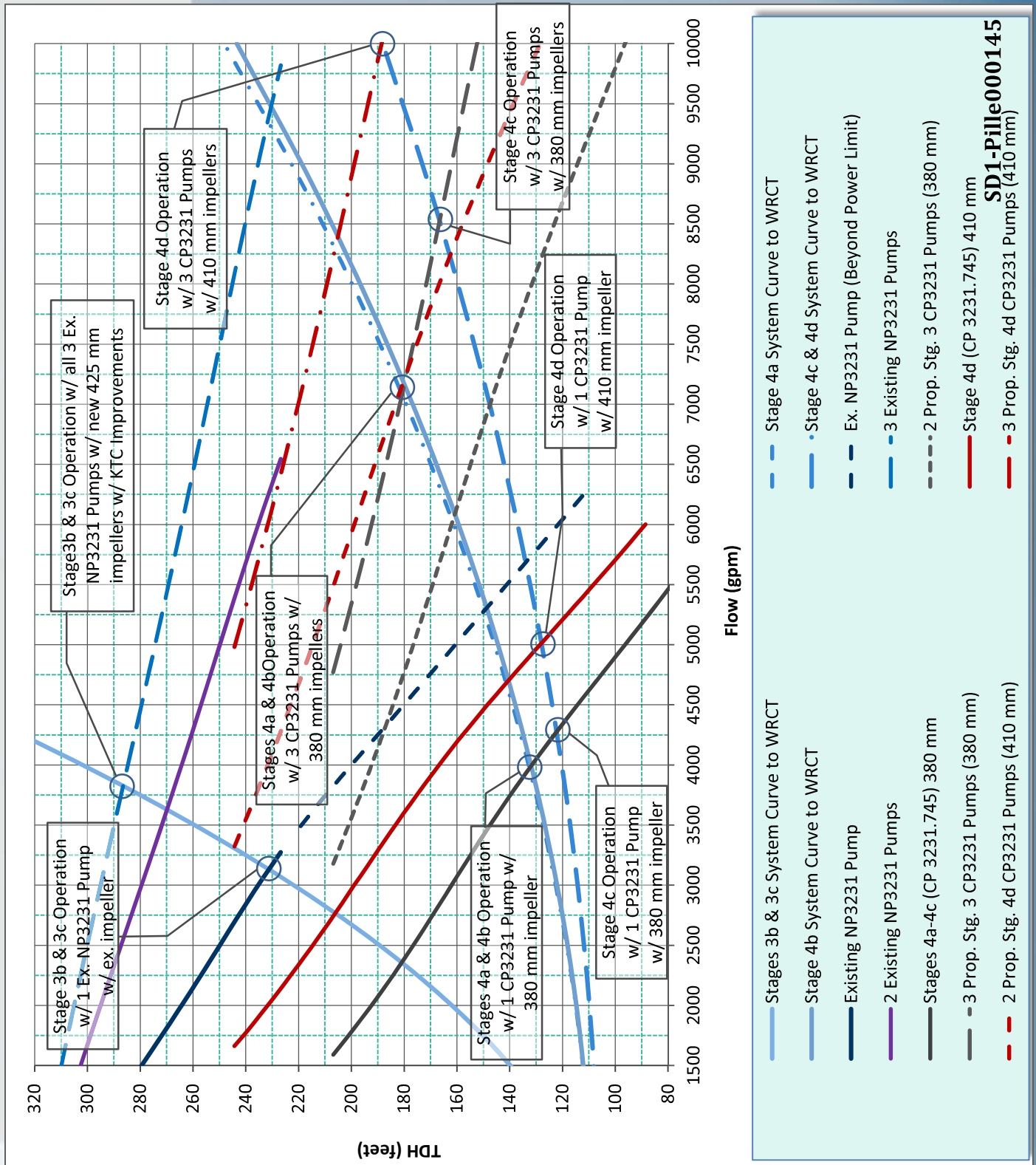
Improvement	Firm Capacity (MGD)
3b & 3c. Current Conditions	5.6
4a. Replace Remaining 12" FM along KY-18/Rebuild Pumps	8.6
4b. Upsize Station Piping	8.8
4c. Replace or Parallel 16" FM along S Orient St.	10.1
4d. Upsize Burlington Impellers	11.9

Burlington PS Pump and System Curves

Existing and Future Stages



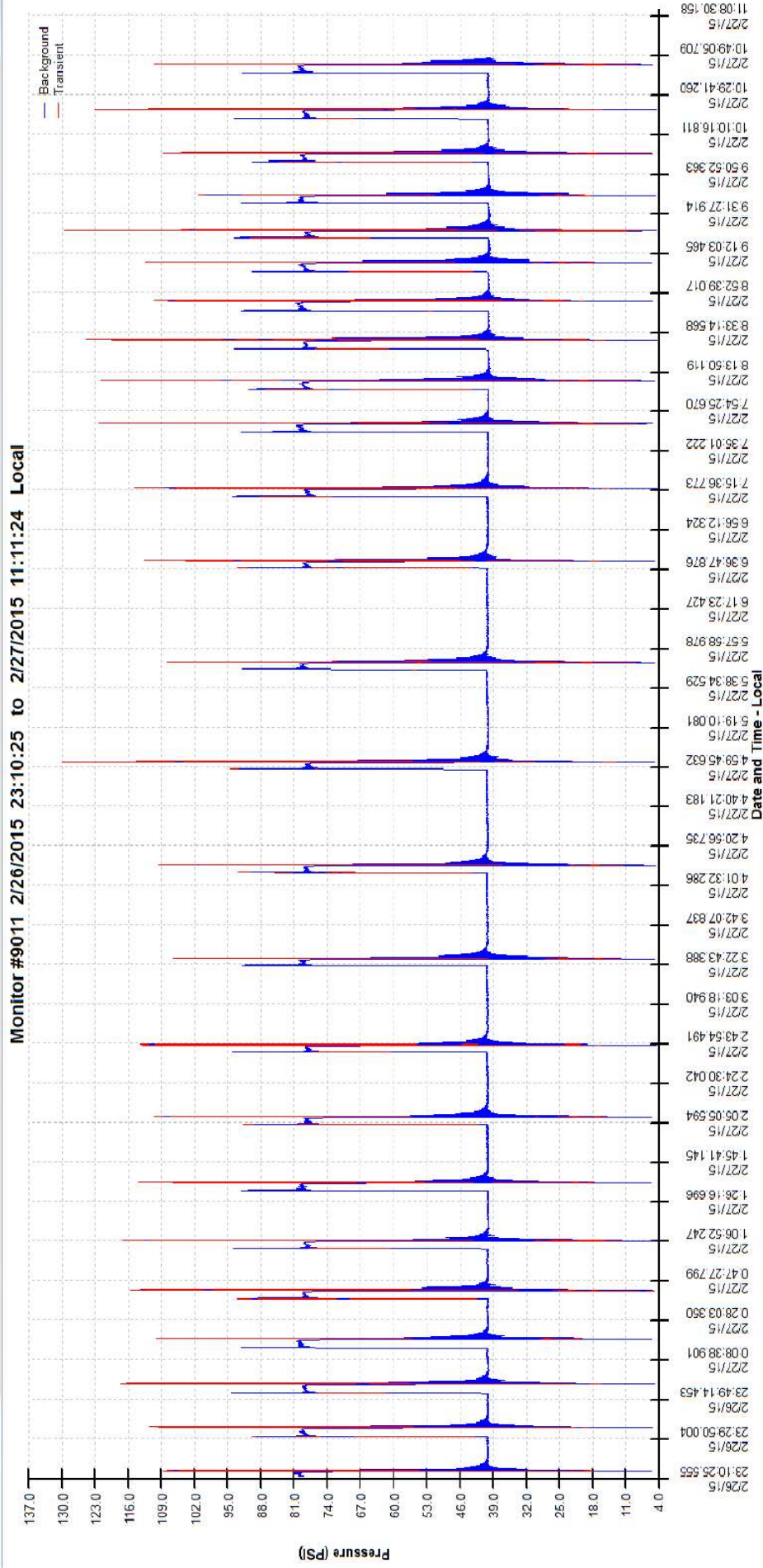
SD1-Pille000144



Existing Burlington PS Pump Curve

				PERFORMANCE CURVE					PRODUCT		NP 3231 /735		TYPE												
DATE		2009-09-01		PROJECT									ISSUE	4											
POWER FACTOR EFFICIENCY MOTOR DATA		1/1-LOAD 0.88 93.5 %		3/4-LOAD 0.84 94.0 %		1/2-LOAD 0.76 93.0 %		RATED POWER		250		hp		IMPELLER DIAMETER 425 mm											
								STARTING		...															
								RATED CURRENT		...															
								RATED CURRENT		...															
								RATED SPEED		...															
COMMENTS				INLET/OUTLET - / 8 inch		RATED SPEED		1780		rpm		MOTOR #		43-44-4AA		STATOR		01D		REV		13			
						TOT.MOM.OF		...		FREQ.		60 Hz		3		PHASES		VOLTAGE		460 V		POLES		4	
						INERTIA		...		GEARTYPE		---		RATIO		---		---		---		---			
						NO. OF		BLADES		2.5		kgm2		3		---		---		---		---			
						IMP. THROUGHLET		---		---		---		---		---		---		---		---		---	

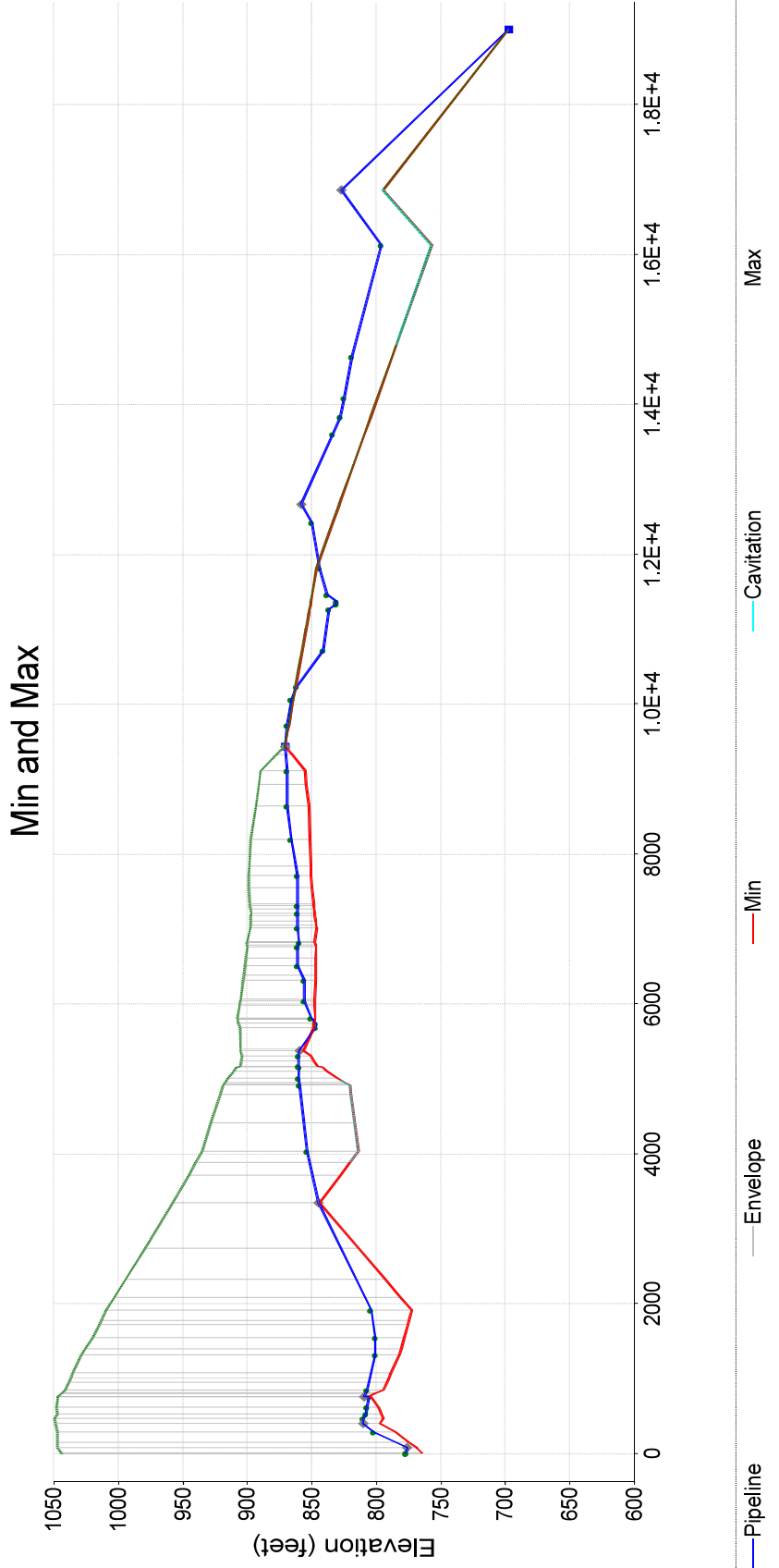
Burlington Pump Station Transient Pressures (Existing, 1 Pump Operation)



Field transient pressure data from normal pump operation (12 hours).

SD1-Pille000148

Burlington Pump Station Transient Pressures (3 Pump Trip)



Based on uncalibrated surge model

Note: Current surge relief valve setting of 120 psi
SD1-Pille000149
limits pumping capacity.

Burlington Pump Station

Operation of 3 Existing Pumps

- Operation of 3 pumps is likely feasible from transient pressures perspective, provided surge relief valves, check valves, and air valves are adjusted and operating as recommended. However, does SD1 want to risk higher operating pressure on existing 12" FM along KY-18?
- Hazen will calibrate surge model and confirm recommended settings.
- Electrical system might not be able to operate all three pumps—needs to be reviewed (by SD1 or Hazen?)

SD1-Pille000150

Allen Fork and Burlington Integrated Improvements Sequence

Allen Fork and Burlington PSs

Integrated Improvements Sequence

- Lower level settings for Allen Fork PS Lag and Lag2 pumps – ASAP
- Perform transient pressure monitoring at Allen Fork PS – ASAP
- Perform surge analysis of Allen Fork PS/FM with pump upgrade & evaluate potential improvements (e.g. check valve modifications) – ASAP
- Confirm Allen Fork PS pump and other upgrades – ASAP
 - Recommend two new NP3315 HT pumps (see slide 23)
 - Recommend monitor motor on Pump 3 and trim 390 mm impeller to 367 mm if any signs of premature motor failure develop (see slide 23)
 - Other improvements as determined by surge analysis

Allen Fork and Burlington PSs

Integrated Improvements Sequence

- Evaluate Burlington PS electrical system for potential to run all 3 pumps concurrently (modify controls to allow 3 pumps to run if electrical can accommodate) – ASAP
- Calibrate Burlington PS surge model & recommend field settings for operation of 3 pumps – ASAP
- Upgrade pumps at Allen Fork PS – ASAP
- Construct surge improvements at Allen Fork PS (if indicated by surge analysis) – ASAP

Allen Fork and Burlington PSs

Integrated Improvements Sequence

- Construct south Burlington sewer re-route – ASAP
- Upsize remaining 12” Burlington FM along KY18 to 24” and replace Burlington PS pumps – ASAP
- Line 24” forcemain along Camp Ernst Rd from ~400’ south of Rogers Ln. to Gunpowder PS site – Recommended by June 2017
- Upsize piping in Burlington PS – Date TBD
- Construct new Allen Fork PS and related improvements to pump to Western Regional tunnel and eliminate existing Allen Fork PS – Could potentially defer as late as 2026 (see Bullittsville PS Flow Routing BCE tech memo)

Allen Fork and Burlington PSs

Integrated Improvements Sequence

- Upgrade existing trunk sewer upstream of existing Allen Fork PS – Likely needed at same time as new Allen Fork PS (i.e. by 2026)
- Potentially open gate at MH 2390031 to redirect southern Burlington flow to new Allen Fork PS (i.e. away from Burlington PS) – As needed to postpone further Burlington PS/FM upgrades (would require modeling of conditions at the time)
- Replace or parallel 16" FM along South Orient St.
 - Date TBD
- Upsize Burlington PS pump impellers – Date TBD

Burlington PS/FM Proposed CIP Budgets (Recommended Dec. 2011)

Fiscal Year	C068-02: Reroute Gravity Sewer	C068-03: Replace 12" FM Along KY18	C068-04: Replace 24" FM Along KY237	C068-06: Allen Fork Pumps & Burlington PS Improvements
<2012	\$0	\$0	\$260,000	\$0
2012	\$0	\$222,000	\$722,000	\$0
2013	\$57,000	\$718,000	\$2,553,000	\$179,000
2014	\$253,000	\$1,716,000	\$3,114,000	\$1,769,000
2015	\$81,000	\$707,000	\$915,000	\$488,000
Totals	\$391,000	\$3,363,000	\$7,564,000	\$2,436,000

Notes: 1) Costs do not include the following:

- A. >=\$637,000 for Allen Fork I/I Reduction Project (C068-05)
 - B. New pumps & motors, electrical upgrades, or surge improvements at Allen Fork PS.
 - C. Electrical upgrades at Burlington PS (to run 3 pumps).
 - D. Allen Fork trunk sewer upgrades, new Allen Fork PS, and related improvements.
 - E. Future impeller replacements @ Burlington PS & FM improvement along S. Orient St.
- 2) C068-04 budget cost included 24" FM installed by KTC project as well as allowance for surge tank if needed upon completion of C068-03.
- 3) All costs in 2011 Dollars.

SD1-Pille000156



OFFICE OF THE COUNTY JUDGE EXECUTIVE

BooneCountyKY.org

February 9, 2021

Mr. Adam Chaney
Executive Director
SD1
1045 Eaton Drive
Fort Wright, KY 41017

RE: Boone County Growth Priority Sewer areas

Dear Adam:

The purpose of this letter is to forward specific priority areas as identified and determined by the county administration for Boone County. This information is provided pursuant to the request from SD1 to establish priority future sanitary sewer service needs for specific areas of our county.

After review and discussion of many areas, the county would herewith submit our following priorities:

Priority Area No. 1 – The northern portion of our county continues to develop and is constrained due to existing sewer service limitations associated with the Bullittsville and Taylorsport pumping stations and the size of existing force mains and gravity lines. The county supports a longer term service strategy for this area that redirects wastewater away from the Dry Creek plant towards the Western Regional treatment plant where system pinch points can be avoided and excess treatment capacity is available.

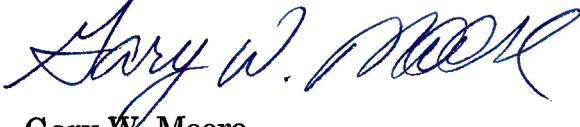
Priority Area No. 2 – The southeastern portion of Boone County, adjacent to the Boone/Kenton County line and generally located along the Dixie Highway corridor, has significant development potential and existing sanitary sewer service limitations. The county would support development of a long term plan to provide sewer service to this area. The largely undeveloped area sits on the

boundary of two major watersheds and the district needs to develop the most cost effective plan to deliver sewer service to this area of our county.

Priority Area No. 3 – Boone County has several small-area neighborhoods that are developed with urban-type densities and yet lack sewer service availability. Some properties within these areas also are experiencing failing on-site septic systems. **Highland Acres East** (i.e. Biltmore Blvd., Crescent Dr., Squire Dr., Cherry Ln., Kings Dr., and Sunset Dr., consisting of about 60 homes) and **Suburban Estates** (i.e. Kilarney Dr., Sedco Dr., Palestine Dr., Kimberly Dr., and Kilpatrick Dr., consisting about 110 homes) are two such areas. The county would support a focused effort to remediate areas where health hazards and substandard environmental conditions may be present.

Thank you for your consideration in this important matter and feel free to contact us for more discussion as necessary.

Respectfully,

A handwritten signature in blue ink, appearing to read "Gary W. Moore". The signature is fluid and cursive, with the first name "Gary" being the most prominent.

Gary W. Moore
Judge Executive

Cc: Jeffrey Earlywine, County Administrator



PROJECT CHARTER

PROJECT:	Western Boone County Conveyance		
PROJECT PLANNER:	Mario Sebastiani	PROJECT SPONSOR:	Ralph Johnstone
DEPARTMENT:	Infrastructure and Capital Planning	START DATE:	3/24/2021
		END DATE:	FY 2026
Problem Statement, Probability of Failure, and Project Purpose:			
Boone County continues to experience rapid growth and is constrained due to existing sewer service limitations. The purpose of this project is to extend sanitary sewer service to western Boone County to facilitate growth prioritized by Boone County and to meet Consent Decree milestones by eliminating SSOs.			
Consequences of Failure or Benefit of Improvement:			
This project will promote growth prioritized by the County and will help SD1 achieve Consent Decree milestones by eliminating SSOs.			
Probability of Failure or Schedule to be Met:			
Boone County has prioritized the northern and western portions of the county for growth as stated in their letter to SD1 dated 2/9/2021. Existing and projected SSOs just upstream of the Bullittsville need to be eliminated as well to meet Consent Decree requirements.			
Alignment with Organizational Goals and Objectives:			
This project is directly aligned with SD1's mission to reliably provide the Northern Kentucky region with wastewater and storm water services to protect public health, property and the environment, and to support the economic vitality of our community.			
Project Scope & Boundaries:			
The scope of this project consists of the following: • Review existing information ○ SD1 GIS information ○ Hazen's 2017 Bullittsville Pump Station Flow Routing Business Case Evaluation ○ Field reconnaissance ○ Contact utility companies to get drawings and locations of existing utilities (gas, electric, cable, telephone, water, etc.) • Topographic survey of project area • Geotechnical investigation ○ All necessary geotechnical investigation to complete design including, but not limited to, subsurface conditions groundwater levels, bedrock depth, foundation requirements for pump station, etc. • Easement and property acquisition • Acquire all necessary permits including, but not limited to: ○ KDOW, USACE, KYTC, SHPO, USFWS, KYFWS, and SD1 Grading Permit			

- Phased design and construction of (from downstream-most extent to upstream):
 - IPEX vortex flow insert at Shaft 4 (SD1 structure no. 2530004)
 - Screening and grit removal facility located near Shaft 4
 - ~7,000 LF of force main from Shaft 4 to new pump station
 - Pump station and future EQ Tank located in the vicinity of PIDN 017.00-00-005.02 off Easton Lane.
 - The pump station site must be large enough to accommodate an EQ tank
 - ~35,000 LF of gravity sewer
 - Sewer will extend to Bullittsville Pump Station
 - Decommission Bullittsville Pump Station
- Pipe and pump sizing:
 - The projected peak 2040 2-year, 6-hour model flows shall be considered when determining the pipe and pump sizes.
 - Assume flow from Bullittsville Pump Station, Taylorsport Pump Station, and Allen Fork Pump Station will be redirected to the new gravity sewer.
 - The new gravity sewer will open up a large amount of undeveloped land for development. Consider additional flows from future growth promoted by this project through 2040.
 - Pump station design should include considerations for maximizing efficiency, flexibility for pumping in a wide range of flow requirements, and long-term O&M cost considerations
- Bid Advertisement Phase Assistance
- Construction Observation and Administration

Project Deliverables:

1. Design Memo
2. Opinion of Probable Construction Cost
3. Construction Drawings
4. Technical Specifications
5. Permits
6. As-Built Drawings

Project Milestones:

1. RFP for design
2. Board approval for design
3. Design Kick-Off Meeting
4. Permitting
5. 30%, 60%, 90%, and 100% design deliverables
6. Easement/property acquisition
7. Bid advertisement phase
8. Board approval for construction
9. Construction Kick-Off Meeting
10. Substantial Completion
11. Final Completion

Project Risks & Controls:

Electrical:

Risk: Power availability

Control: Existing Owen Electric overhead electric lines are located near the anticipated pump station site. shall coordinate with Owen Electric on supplying power to the pump station site. Backup power shall also be provided at the site perhaps through a generator.

Mechanical:

Risk: Bypass Pumping

Control: Perform bypass pumping when tying new gravity sewer into existing gravity sewer just upstream of Bullittsville PS.

Geotechnical:

Risk: Excavation within rocky slopes (limestone) and in heavily wooded areas

Control: Avoid deep excavations to the maximum extent practicable.

Site Considerations:

Risk: Proximity to major creek

Control: Maintain as much distance from Woolper Creek as practicable.

Risk: Many major (~6) and minor (~25) creek crossings

Control: Encase all crossings per SD1's stream crossing standard detail.

Risk: Higher potential for I&I and root issues due to proximity to creek

Control: CCTV and clean sewers regularly.

Risk: Extensive tree removal/alignment will be located in heavily wooded areas

Control: Avoid mature trees to the maximum extent practicable.

Risk: Lack of existing roads

Control: Construct temporary access/haul roads as necessary.

Risk: 4 confirmed landslide locations along Woolper Creek and 2 confirmed landslides potentially located within the vicinity of the new force main.

Control: Perform regular monitoring of pipe and hillside.

Threatened & Endangered Species:

Risk: Indiana Bat & Running Buffalo Clover

Control: Coordinate with permitting agencies as soon as possible.

Property Considerations:

Risk: Many separate temporary and permanent easements will be required. Easement footage ~42,000 LF.

Control: Minimize the total separate easements to the maximum extent practicable. Ask for Boone County's support when acquiring easements.

Risk: Potential property condemnation

Control: Approach property owners as soon as possible.

Traffic:

Risk: As part of the construction there may be periodic lane closures along various roads during equipment delivery and material removal. The engineering consultant will be responsible for obtaining all permits.

Control: Consultant shall obtain all necessary permits. Require the Contractor to submit a Traffic Control Plan, if necessary. The local police department and/or Public Works Department should be consulted to

establish the traffic requirements. These requirements should be incorporated into the contract drawings and specifications.

Special Flood Hazard Areas:

Risk: Woolper Creek has a FEMA Zone A Floodplain

Control: Avoid construction within the floodplain to the maximum extent practicable.

Misc.:

Risk: The project will involve typical construction activities that are inherently dangerous.

Control: Require the contractor to provide a site-specific safety plan for review and approval by SD1.

Risk: Extensive material (rock and tree) hauling

Control: Require the contractor to provide a hauling plan detailing the logistics of material hauling. Identify nearby sites to dump material.

Overall Project Approach:

This project is anticipated to be phased into several stages starting from the downstream-most extent to facilitate growth quicker and to prevent new assets from remaining dry until the entire project is complete.

(Design-Bid-Build Approach)

1. Design Procurement
2. Design/Engineering Services
3. Bid Advertisement/Construction Procurement
4. Construction

Assumptions & Constraints

The project is anticipated to be funded in FY 2021 - 2026.

Acceptance Criteria

The Project Sponsor will be responsible for accepting and approving all project deliverables.

Summary Budget from FY21 – FY26

Capital Budget Code C708-002

Cost Estimate - Western Boone County Conveyance				
Project	Unit	Quantity	Unit Cost	Cost
Drop Shaft with Screening & Grit Removal Facility	EA	1	\$ 10,000,000	\$ 10,000,000
24" Force Main (New PS to Tunnel)	LF	7,000	\$ 800	\$ 5,600,000
12.23 MGD Pump Station (Easton Ln)	EA	1	\$ 12,000,000	\$ 12,000,000
30" Gravity Sewer Part 1 (from new PS to bend in Woolper Ck)	LF	11,000	\$ 850	\$ 9,350,000
30" Gravity Sewer Part 2 (from Bullitsville PS to bend in Woolper Ck)	LF	24,000	\$ 850	\$ 20,400,000
			Total	\$ 57,350,000

Schedule

This project is anticipated to be phased into several stages starting from the downstream-most extent to facilitate growth quicker and to prevent new assets from remaining dry until the entire project is complete. It is anticipated that the entire project is completed by the end of FY 2026.

Task Name	Duration	Comments
Easton Lane PS, FM, Screening	48 Months	
Planning/Easements/Permits/Design	24 months	~7,000 LF of force main
Construction	24 months	
Gravity Sewer Part 1 (from new PS to bend in Woolper Ck)	36 Months	
Planning/Easements/Permits/Design	20 months	~11,000 LF of gravity sewer
Construction	16 months	
Gravity Sewer Part 2 (from Bullittsville PS to bend in Woolper Ck) & Bullittsville PS Elimination	48 Months	
Planning/Easements/Permits/Design	24 months	~24,000 LF of gravity sewer
Construction	24 months	

Team Members:

Name	Role / Responsibility
Ralph Johnstone	Project Sponsor/Budget head, QA/QC
To be assigned by Spencer Stork	Project Manager/ Overall Project Schedule, Budget, QA/QC
Engineering Consultant	Design Engineer/ Design, QA/QC, Submittal Review, Management of Sub-consultants
Inspector	Inspection/Conformity to drawings and specifications
Contractor	Contractor/Installation of new assets

Authorization:

Name	Title	Signature	Date
Ralph Johnstone	Chief Engineer		
Spencer Stork	Director of Design and Construction Management		

Milestone	Project Name	Capital Cost (2019 \$M)	SSO Benefit (MG)	Project Completion Date	SSOs Eliminated
2023	Vernon Lane II Removal	-	4.4	Complete	028002 2070019, 2080008, 2080063, 2100002, 2100036, 2100106, 2100129, 2110001, 2110002
	Elmire Corridor Capacity Upgrade	-	3.5	Complete	2280023
	Richwood PS & FM	-	3.6	Complete	2360002
	Allan Fork PS Upgrade	-	0.01	Complete	0200007, 0200008, 0200032
	SGHH EQ	\$15.0	22.0	12/1/2021	-
2029	LRS Double Siphon	\$1.2	42.0	7/1/2023	0860001
	LRS EQ	\$20.5	5.0	1/1/2025	-
	LRS Conveyance Piping	\$7.4	5.0	1/1/2028	0150009, 0150061, 0150063, 0150064, 0150065, 0150188, 0150399
	Lakeview EQ	\$24.1	6.5	7/1/2027	1950015, 1950PS1
	WS PS & FM	\$26.6	9.8	7/1/2028	2300019, 2300027, 2300107, 2300107, 2300047, 2300060, 2311036
	Central Boone County Master Plan	\$50.0	1.0	1/1/2029	2370003, 2376534
	BCS Conveyance	\$7.3	1.3	1/1/2027	1730085, 1730086, 1730084
	Waterworks Rd. Conveyance (PH I & II)	\$8.9	2.0	1/1/2028	0370001, 0380005, 0400002, 0400034, 0410037, 0410039, 0430006, 0430007, 0530083, 0530119, 0380028, 0380031, 0410001, 0410115, 0430107, 0380006, 0530118
	Brookwood SSO	\$2.8	0.2	1/1/2029	2030031, 2030144, 2030145, 2030149, 2030033
	2034 LRS Conveyance and Lift Station (PH 2)	\$12.1	1.6	1/1/2034	0100001, 0100004, 0110010, 0150086, 0150085, 0150087
2034	Lakeview PS EQ - Lattifers, Katay, Meadow Lane	\$0.4	0.04	7/1/2034	1570100, 2010PS1, 2010PS2
	Lakeview EQ Tank 1	\$13.8		7/1/2034	2300011
	Lakeview EQ Tank 8	\$11.6	3.5	1/1/2034	1950036, 1950027
	Lakeview EQ Tank 2	\$2.6		7/1/2034	-
	2034 Lakeview Conveyance	\$30.2	1.3	7/1/2034	1520124, 1940005, 1940024, 1940026, 1940038, 1940039, 1940044, 1940045, 1940046, 1940047, 1940048, 1940049, 1940050, 1940051, 2010042, 2160004, 2170097, 1980005, 2170170, 2160005, 2170098, 2170013, 2160006, 1940023, 1940025, 1940027, 1980002
	Taylor Creek Conveyance	\$17.7	0.3	7/1/2034	0410010, 0410019, 0460032, 0460137, 0500047, 0710071, 1010002, 1010027, 0720027, 0720028, 04600035, 0960013, 0500048, 1010028
	RDII Reduction - TC	\$11.5	0.2	7/1/2034	0380007, 0440074, 1010026, 0380006
	Brontley Crescent Springs Conveyance PH II - Downstream	\$8.9	1.5	1/1/2031	1730104, 1980043, 1700008, 1700025, 1890072
	Brontley Crescent Springs Conveyance PH II - Upstream	\$24.7	121.5	1/1/2033	1550053, 1560092, 1560016, 1560121, 1580034, 1580035, 1560122
	Western Regional Conveyance	\$50.0	0.2	7/1/2034	1750201, 2300121, 2300123, 2280004, 2280010, 2280011, 2320520, 2410387, 2410459, 2300127
2040	WS EQ	\$11.7	5.0	7/1/2031	1920086, 1920097, 1920PS7, 020006
	Wadport PS & FM Re-Direct	\$5.0	0.2	7/1/2031	-
	AAUS27 Improvements	\$16.8	0.4	1/1/2031	1850141, 1870018, 1860108
	Bandick EQ	\$7.7	6.5	1/1/2031	2220123
	Bandick Conveyance	\$0.37	0.7	1/1/2032	1850141, 1870018, 1860108
	2040 LRS Conveyance	\$7.1	0.4	1/1/2040	0150024, 0230056, 0230056, 0230016, 0270026, 1930007, 1930008, 1930009, 1930010, 1930012, 0230011
	2040 Lakeview Conveyance	\$23.6	5.9	7/1/2037	1900069, 1100025, 1100027, 1100061, 1100067, 1101003, 1101004, 1101006, 1101050, 1101061, 1101064, 1101074, 110294, 1760047, 1760048, 1760055, 2020035, 2020033, 2100057, 2100081, 2100126, 2100156, 210008, 210008, 210001, 2120023, 2120041, 2300013, 2300014, 2300015, 2300016, 2300017, 2300018, 2300019, 2300020, 2300021, 2300022, 2300023, 2300024, 2300025, 2300026, 2300027, 2300028, 2300029, 2300030, 2300031, 2300032, 2300033, 2300034, 2300035, 2300036, 2300037, 2300038, 2300039, 2300040, 2300041, 2300042, 2300043, 2300044, 2300045, 2300046, 2300047, 2300048, 2300049, 2300050, 2300051, 2300052, 2300053, 2300054, 2300055, 2300056, 2300057, 2300058, 2300059, 2300060, 2300061, 2300062, 2300063, 2300064, 2300065, 2300066, 2300067, 2300068, 2300069, 2300070, 2300071, 2300072, 2300073, 2300074, 2300075, 2300076, 2300077, 2300078, 2300079, 2300080, 2300081, 2300082, 2300083, 2300084, 2300085, 2300086, 2300087, 2300088, 2300089, 2300090, 2300091, 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2300869, 2300870, 2300871, 2300872, 2300873, 2300874, 2300875, 2300876, 2300877, 2300878, 2300879, 2300880, 2300881, 2300882, 2300883, 2300884, 2300885, 2300886, 2300887, 2300888, 2300889, 2300890, 2300891, 2300892, 2300893, 2300894, 2300895, 2300896, 2300897, 2300898, 2300899, 2300900, 2300901, 2300902, 2300903, 2300904, 2300905, 2300906, 2300907, 2300908, 2300909, 2300910, 2300911, 2300912, 2300913, 2300914, 2300915, 2300916, 2300917, 2300918, 2300919, 2300920, 2300921, 2300922, 2300923, 2300924, 2300925, 2300926, 2300927, 2300928, 2300929, 2300930, 2300931, 2300932, 2300933, 2300934, 2300935, 2300936, 2300937, 2300938, 2300939, 2300940, 2300941, 2300942, 2300943, 2300944, 2300945, 2300946, 2300947, 2300948, 2300949, 2300950, 2300951, 2300952, 2300953, 2300954, 2300955, 2300956, 2300957, 2300958, 2300959, 2300960, 2300961, 2300962, 2300963, 2300964, 2300965, 2300966, 2300967, 2300968, 2300969, 2300970, 2300971, 2300972, 2300973, 2300974, 2300975, 2300976, 2300977, 2300978, 2300979, 2300980, 2300981, 2300982, 23

Combined System Projects - Licking River Tunnel Solution

Milestone	Project Name	Capital Cost (2019 \$M)	CSO Benefit (MG)	Project Completion Date	CSOs Addressed
2023	RWI Mitigation Phases I & II	\$7.9	116	7/1/2023	0680081, 0680082, 0910065, 0910068, 0930105, 0960063, 1420142, 1440206, 1440209, 1470093, 1480187, 1490132, 1710116, 1710119, 1710121, 1710124, 1720109, 1730259
	Targeted Sewer Separation	\$1.1	7	1/1/2021	0610071, 0620077, 0640090, 0770096, 1420142, 1470093, 1850158, 1870193, 1880090, 1880091, 0610089 (SSO), 0610067 (SSO), 1440005 (SSO), 1440009 (SSO)
	Ash St EQ	\$2.2	1.5	12/1/2021	0010220, 0020030 (SSO)
2029	Willow Run Pilot Detention Basins	\$1.8	154.0	7/1/2028	1480187, 1480069 (SSO)
	RWI Mitigation Phase III	\$6.3	107.0	7/1/2027	0790086, 0570089, 1480187, 1440206, 1470093, 1710116, 1710119, 1710121, 1710124, 1720109, 0610071, 0620075, 0640090, 0650090, 0790084, 0940112
	Bromley PS Short-Term Improvements	\$1.8	60.0	1/1/2028	1440209, 1470093, 1480187, 1490132, 1710116, 1710119, 1710121, 1710124, 1720109, 1730259
2034	SR9 Sewer Separation	\$1.9	10.0	1/1/2026	0730129, 0790084, 0790086, 0840111, 0840112, 0840116
	Misc. Diversion Weir Adjustments	\$0.55	6.2	7/1/2034	0960064, 0960081, 1440206, 1490132, 1870193
	Bromley Consolidation Piping	\$3.9	4.1	1/1/2031	1710116, 1720109
	Taylor Creek EQ	\$25.2	29.4	7/1/2034	0640090, 0650098, 0650090, 1480187, 0570089
	Taylor Creek RTC Diversion	\$0.25			
	Taylor Creek Inline Storage Control Structure	\$1.9	0.5	7/1/2032	0640090, 1480187
	Taylor Creek Consolidation Piping	\$20.9	74.3	7/1/2032	0600097, 0600094, 0610071, 0620075, 0630061, 0640090, 0790084, 0620040 (SSO), 0600044 (SSO)
	Willow Run Consolidation Piping	\$5.8	39.8	7/1/2033	1440209, 1470093, 1470089
	Willow Run RTC Diversion	\$9.1	14.8	7/1/2032	1480187
	Willow Run 2 Inline Storage Control Structures	\$7.6	42.4	7/1/2033	1480187
	4th Street Inline Storage Control Structure	\$1.2	10.2	1/1/2032	0790086
	24-inch Taylorsport Foremain	\$3.2	4.4	1/1/2034	1710116, 1440209, 1470093, 1480187
2040	2nd Street PS VFD	\$4.5	11.2	7/1/2034	1440209, 1470093, 1480187
	LRI 24-inch Upsizing	\$0.67	0.7	1/1/2033	1880090, 1880091
	Riverpointe Drive Basin	\$0.23	0.6	7/1/2030	0570090
	Dayton Pike Basin	\$1.0	1.7	1/1/2030	0570090
	Grant Park Development Basins	\$0.28	11.2	7/1/2029	0570089
	Twin Oaks Golf Course Basin	\$2.2	11.7	1/1/2032	0870079, 0870068 (SSO), 0870088 (SSO)
	East 36th Street and Park Avenue	\$2.6	7.4	7/1/2031	
	Packaging Unlimited Basin	\$0.17	26.1	7/1/2031	0910068
	22nd & Russell	\$2.0	4.5	1/1/2033	0910068, 0920007 (SSO)
	Dry Creek WRF Improvements	\$40.5	-	7/1/2034	
	120-inch Tunnel	\$63.2	-	1/1/2040	-
	Dewatering PS	\$9.1	-	1/1/2039	-
2040	4th Street Drop Shafts & Screening	\$9.1	48.0	7/1/2038	0850090, 0790086, 0840111, 0840112, 0840116
	4th Street Consolidation Piping	\$0.4		7/1/2038	
	Patton Street Drop Shafts & Screening	\$4.1	118.7	7/1/2038	0880081, 0880082, 0910065, 0910068, 0930105, 0960063, 1420142, 1480187
	Patton Street Consolidation Piping	\$6.6		7/1/2038	
	James Avenue Drop Shafts & Screening	\$12.6	135.8	7/1/2038	0870078, 0870079, 0880081, 0880082, 0910065, 0930105, 0870037 (SSO), 1880028 (SSO), 0870019 (SSO), C-1880087 (SSO), 1880022 (SSO)
	James Avenue Consolidation Piping	\$13.9		7/1/2039	
	8th Street Drop Shafts & Screening	\$7.9		7/1/2038	
	8th Street Consolidation Piping	\$1.1	36.3	1/1/2040	0980081, 1420142

Any changes to the scope and or schedule of approved watershed projects identified in this Appendix H will be non-material modifications made in writing by all parties in accordance with paragraph 84 of the Amended Consent Decree. Failure to timely complete projects may result in stipulated penalties in accordance with paragraph 52 of the Amended Consent Decree in the event the 2023, 2029, 2034, or 2040 metrics are not met.

Combined System Projects - Licking River EQ Tank Solution

Milestone	Project Name	Capital Cost (2019 \$M)	CSO Benefit (MG)	Project Completion Date	CSOs Addressed
2023	RWI Mitigation Phases I & II	\$7.9	116	7/1/2023	0880081, 0880082, 0910065, 0910068, 0930105, 0960063, 1420142, 1440206, 1440209, 1470093, 1480187, 1490132, 1710116, 1710119, 1710121, 1710124, 1720109, 1730259
	Targeted Sewer Separation	\$1.1	7	1/1/2021	0610071, 0620077, 0640090, 0770096, 1420142, 1470093, 1850158, 1870183, 1880090, 1880091, 0610089 (SSO), 0610067 (SSO), 1440005 (SSO), 1440009 (SSO)
	Ash St EQ	\$2.2	1.5	12/1/2021	0010220, 0020030 (SSO)
2029	Willow Run Pilot Detention Basins	\$1.8	154.0	7/1/2028	1480187, 1480089 (SSO)
	RWI Mitigation Phase III	\$6.3	107.0	7/1/2027	0790086, 0570089, 1480187, 1440206, 1470093, 1710116, 1710119, 1710121, 1710124, 1720109, 0610071, 0620075, 0640090, 0650090, 0790084, 0840112
	Bromley PS Short-Term Improvements	\$1.8	60.0	1/1/2028	1440209, 1470093, 1480187, 1490132, 1710116, 1710119, 1710121, 1710124, 1720109, 1730259
	SR9 Sewer Separation	\$1.9	10.0	1/1/2026	0730129, 0790084, 0790086, 0840111, 0840112, 0840116
	Misc. Diversion Weir Adjustments	\$0.55	6.2	7/1/2034	0960064, 0980081, 1440206, 1490132, 1870193
	Bromley Consolidation Piping	\$3.9	4.1	1/1/2031	1710116, 1720109
	Taylor Creek EQ	\$25.2	29.4	7/1/2032	0640090, 0650098, 0650090, 1480187, 0570089
	Taylor Creek RTC Diversion	\$0.25	0.5	1/1/2030	0640090, 1480187
	Taylor Creek Inline Storage Control Structure	\$1.9	74.3	7/1/2032	0600097, 0600094, 0610071, 0620075, 0630061, 0640090, 0790084, 0620040 (SSO), 0600044 (SSO)
	Taylor Creek Consolidation Piping	\$20.9	39.8	7/1/2033	1440209, 1470093, 1470089
2034	Willow Run Consolidation Piping	\$5.8	14.8	7/1/2033	1480187
	Willow Run RTC Diversion	\$9.1	42.4	7/1/2033	1480187
	Willow Run 2 Inline Storage Control Structures	\$7.6	10.2	1/1/2032	0790086
	4th Street Inline Storage Control Structure	\$1.2	4.4	1/1/2034	1710116, 1440209, 1470093, 1480187
	24-inch Taylorsport Foremain	\$3.2	11.2	7/1/2034	1440209, 1470093, 1480187
	2nd Street PS VFD	\$4.5	0.7	1/1/2033	1880090, 1880091
	LRI 24-inch Upsizing	\$0.67	0.6	7/1/2030	0570090
	Riverpointe Drive Basin	\$0.23	1.7	1/1/2030	0570090
	Dayton Pike Basin	\$0.99	11.2	7/1/2029	0570089
	Grant Park Development Basins	\$0.28	8.4	7/1/2034	0910065
	James Avenue Basin 1	\$1.3	23.5	1/1/2034	0910065
	James Avenue Basin 3	\$6.4	6.0	1/1/2033	0910065
	James Avenue Basin 5	\$1.7	26.1	1/1/2032	0910068
	Packaging Unlimited Basin	\$0.17	4.5	1/1/2034	0910068, 0920007 (SSO)
	22nd & Russell	\$2.0	9.3	1/1/2032	0930105
	19th & Glenway	\$3.6	-	7/1/2034	-
2040	Dry Creek WRF Improvements	\$40.5	34.3	7/1/2037	0650090, 0790086, 0840111, 0840112, 0840116
	4th Street EQ & Consolidation Piping	\$10.5	41.2	1/1/2039	0880081, 0880082, 0910065, 0910068, 0960063, 1420142, 1480187
	Patton Street EQ & Consolidation Piping	\$18.2	146.5	1/1/2040	0870078, 0870079, 0880081, 0880082, 0910065, 0930105, 0870037 (SSO), 1880028 (SSO), 0870019 (SSO), C1880087 (SSO), 1880022 (SSO)
	James Avenue EQ & Consolidation Piping	\$63.0	39.5	1/1/2039	0980081, 1420142
	8th Street EQ & Consolidation Piping	\$3.8			

Any changes to the scope and or schedule of approved watershed projects identified in this Appendix H will be non-material modifications made in writing by all parties in accordance with paragraph 84 of the Amended Consent Decree. Failure to timely complete projects may result in stipulated penalties in accordance with paragraph 52 of the Amended Consent Decree in the event the 2023, 2029, 2034, or 2040 metrics are not met.

UWSP PROJECT NAME

Bullitsville PS Improvements

UWSP COMPLETION DATE

January 1, 2029

SSOs ELIMINATED

2370003, 2370534

UWSP PROJECT DESCRIPTION

Construction of a 1.3 MG Equalization Tank, 7.7 MGD Wet Weather Pump Station, and Upgrading existing Bullitsville Pump Station to 3.0 MGD.

Proposed Project Name

Central Boone County Master Plan

PROPOSED COMPLETION DATE

January 1, 2029

SSOs ELIMINATED

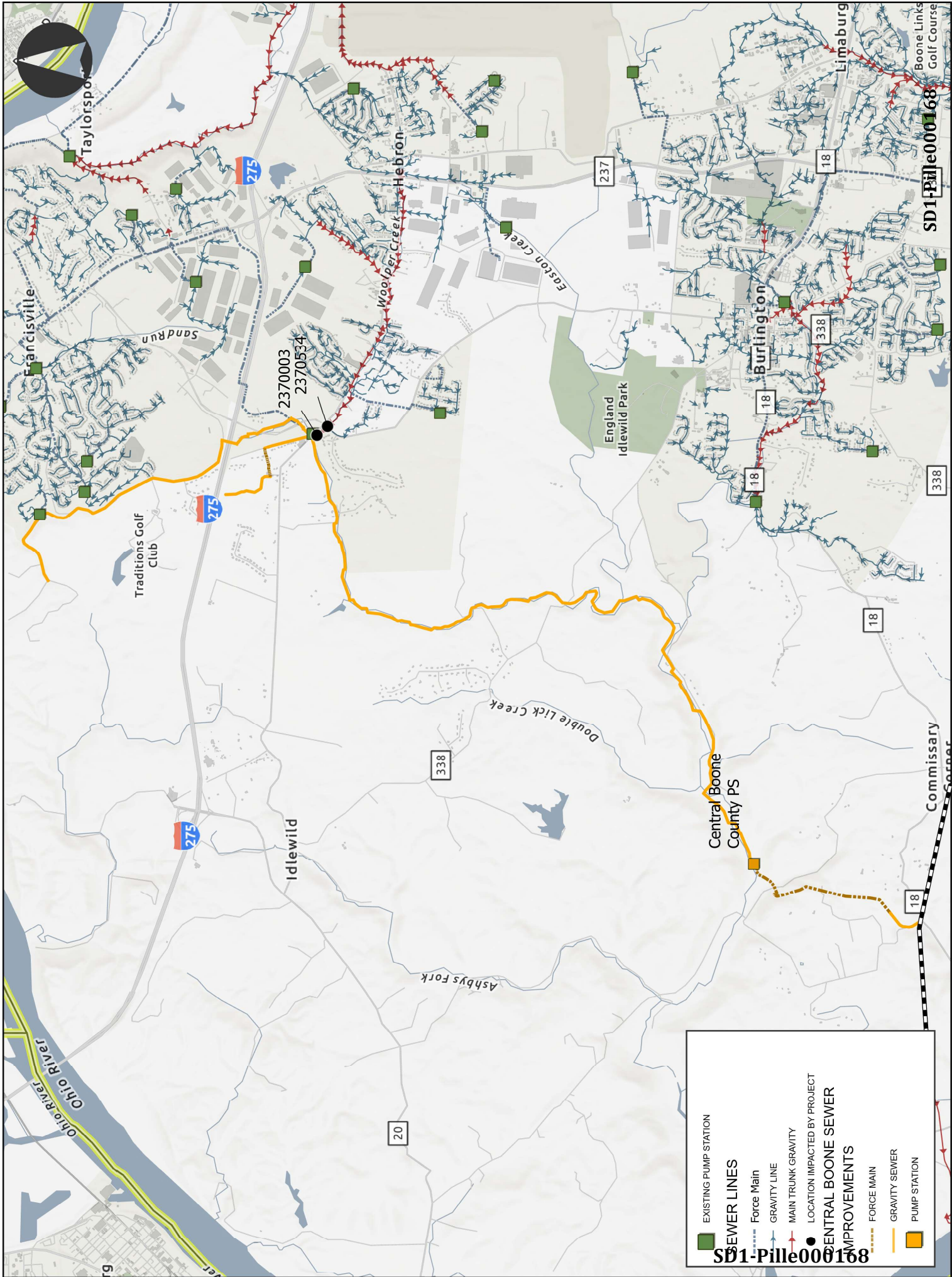
2370003, 2370534

PROPOSED PROJECT DESCRIPTION

Elimination of the Bullitsville Pump Station and Construction of 1,504 LF of 21", 138 LF of 24", 24,092 LF of 30" and 11,925 LF of 36" Gravity Sewer, Two - 10 MGD Pump Stations in Series and, 4,695 LF of 20" Force Main. Please see attached map.

JUSTIFICATION

The Bullitsville Pump Station currently directs flow to the Taylorsport Pump Station, which then routes it to the Dry Creek Treatment Plant. By eliminating the Bullitsville Pump Station and implementing the Central Boone County Master Plan, wastewater flow will be redirected to the Western Regional Reclamation Facility. The Central Boone County Master Plan eliminates the need for the Taylorsport EQ project, future strain on the existing system, and opens up growth opportunities throughout Northern and Central Boone County.



Morgan Wilson

From: Lydia Watkins <lwatkins@sd1.org>
Sent: Tuesday, November 19, 2024 4:31 PM
To: Hurt, Jason M (EEC); Sayre, Dennis
Cc: Adam Chaney; Jason Burlage; Brian Ellerman; Taylor, Melchilecee (she/her/hers)
Subject: RE: Project Modification Request
Attachments: Appendix H - Comprehensive Listing of UWSP Projects Updated 11-19-2024.pdf

Please see attached the revised Appendix H to include a revision date.

Regards,

Lydia Watkins, P.E.

Senior Director of Engineering
SD1 of Northern Kentucky

[1045 Eaton Dr](#)
[Ft. Wright, KY 41017](#)

859-547-1654

lwatkins@sd1.org

From: Hurt, Jason M (EEC) <JasonM.Hurt@ky.gov>
Sent: Tuesday, November 19, 2024 3:30 PM
To: Sayre, Dennis <Sayre.Dennis@epa.gov>; Lydia Watkins <lwatkins@sd1.org>
Cc: Adam Chaney <achaney@sd1.org>; Jason Burlage <jburlage@sd1.org>; Brian Ellerman <bellerman@sd1.org>; Taylor, Melchilecee (she/her/hers) <Taylor.Melchilecee@epa.gov>
Subject: Re: Project Modification Request

No objections from KDEP.

Thanks,

Jason M. Hurt, PE
Branch Manager
Surface Water Permits Branch
Kentucky Division of Water
Ph. 502.782.6167

From: Sayre, Dennis <Sayre.Dennis@epa.gov>
Sent: Tuesday, November 19, 2024 3:26 PM
To: Lydia Watkins <lwatkins@sd1.org>
Cc: Hurt, Jason M (EEC) <JasonM.Hurt@ky.gov>; Adam Chaney <achaney@sd1.org>; Jason Burlage <jburlage@sd1.org>; Brian Ellerman <bellerman@sd1.org>; Taylor, Melchilecee (she/her/hers) <Taylor.Melchilecee@epa.gov>
Subject: RE: Project Modification Request

This Message Originated from Outside the Organization

This Message Is From an External Sender.

Received. I have no objections. Jason, any objections from KDEP? If not I'll draft an approval letter and send to you for concurrence.

Lydia,

Please resend the App H document to include in the header a revision date.

Dennis Sayre: Inspector

Wastewater Enforcement Section

Water Enforcement Branch

EPA Region 4

404.562.9756 (office)

From: Lydia Watkins <lwatkins@sd1.org>

Sent: Tuesday, November 19, 2024 3:06 PM

To: Sayre, Dennis <Sayre.Dennis@epa.gov>

Cc: Joyner, William <Joyner.William@epa.gov>; jasonm.hurt@ky.gov; Adam Chaney <achaney@sd1.org>; Jason Burlage <jburlage@sd1.org>; Brian Ellerman <bellerman@sd1.org>

Subject: Project Modification Request

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Dennis,

SD1 is requesting approval of the Central Boone County Masterplan in place of the Bullittsville Pump Station Improvements Project in the Updated Watershed Plan. Attached is the completed Project Modification Request and Updated Appendix H reflecting this change.

Please let me know if you have any questions.

Regards,

Lydia Watkins, P.E.

Senior Director of Engineering

SD1 of Northern Kentucky

[1045 Eaton Dr](#)

[Ft. Wright, KY 41017](#)

859-547-1654

lwatkins@sd1.org

Public Records Notice: I am not the Official Custodian of Public Records at SD1. All requests for public records must be sent to SD1's Official Custodian of Records at: 1045 Eaton Dr. Ft. Wright, KY 41017, Attention: Official Custodian of Records; facsimile at (859) 331-2436 or via email to records@sd1.org. Your request will not be forwarded.

Lydia M. Watkins, PE

Professional Summary

Graduate Biosystems Engineer with over eleven years of practical experience in design, engineering, problem solving, engineering management, and project management. Outstanding communication and interpersonal skills, including technical writing, verbal communication, presentation delivery, and public speaking. Comfortable working autonomously or as part of a team.

Key Skills

Proficient with an array of engineering tools and courses including:

Microsoft Office
HEC-HMS

HydroCAD
AutoCAD

Wastewater Collection
Hydrology

GIS
Stormwater Management

Education

2009 to 2013 **Bachelor of Science, Biosystems Engineering, University of Kentucky.**
December 2013
Engineering GPA: 3.0, while working 35 + hours a week

2005 to 2009 **Randall K. Cooper High School**
Union, Kentucky
Salutatorian, Selected as Outstanding Science Student 2008-2009

Certifications and Licenses

Professional Engineer License – State of Kentucky

NSPE-KY New Professional Engineer of the Year - 2024

Work Experience

Sanitation District #1 **Senior Director of Engineering**
Fort Wright, KY **February 2023-Present**

- ✓ Manage the planning, design, and construction execution of projects within a large capital improvement program.
- ✓ Direct the implementation of the Amended Federal Consent Decree and Updated Watershed Plan list of projects to ensure compliance with all regulatory requirements.
- ✓ Provide strategic direction for the appropriate use of resources such as people, technology, money and equipment to accomplish goals and support key objectives of the individual departments. Approve resource needs based on organizational goals, priorities, cost benefit analysis, competing demands and budget.
- ✓ Establish work priorities and help direct reports achieve their departmental management initiatives by coaching, mentoring, training, and motivating them to optimal performance.

Sanitation District #1 **Director of Infrastructure and Capital Planning**
Fort Wright, KY **May 2021-February 2023**

- ✓ Lead development of the annual, five, and ten-year Capital Improvement Program budgets by providing all relevant planning-level scope, estimated cost, and schedule information.
- ✓ Periodically evaluate project benefits versus costs to recommend whether a project should continue to proceed in design and ultimately construction.
- ✓ Direct preliminary project alternative designs and budgets. Alternatives analyses shall include present worth comparisons to determine the most feasible and cost-effective approaches for completing projects.
- ✓ Supervise and manage subordinate staff responsible for the development, planning, initial budgeting, and scheduling of projects within SD1's Capital Improvement Program.

**Sanitation District #1
Fort Wright, KY**

**Project Manager
July 2019-May 2021**

- ✓ Manage the design and construction of storm and sanitary capital improvement projects.
- ✓ Manage professional services and construction contracts, including costs, quality, schedule, and field activities.
- ✓ Prepare and submit budget estimates, schedules, progress reports, or cost tracking reports. Manage schedule and budgets for assigned projects so that budgets are not exceeded, and schedule milestones are met.
- ✓ Interact with outside agencies, organizations, stakeholders, customers, and other individuals that have a role in the ongoing and planned activities.

**Sanitation District #1
Fort Wright, KY**

**Plan Review Engineer
July 2018-July 2019**

- ✓ Review engineering drawings, specifications, and other project deliverables for accuracy, completeness and compliance with the governing rules and regulations for both sanitary and storm water projects.
- ✓ Conduct Storm water modeling to check accuracy of permit application module outputs and to identify alternative design scenarios when necessary.
- ✓ Perform assessments of sewer system capacity, using GIS tools and hydraulic modeling software.
- ✓ Review pump station drawings and specifications for compliance with SD1's Small Pump Station Design Guide.
- ✓ Manage sanitary and storm water design and relocation associated with Kentucky Transportation Cabinet.

**Sanitation District #1
Fort Wright, KY**

**Asset Management Engineer
July 2017-July 2018**

- ✓ Assists with the inventory, condition assessment and, asset remaining useful life of assets located in wastewater treatment plants, pump stations, collection systems, and other operations related facilities.
- ✓ Develop requests for proposals, procure professional services, and manage professional service contracts to ensure adherence to project budget, schedule, and quality requirements as assets are rehabilitated or replaced.
- ✓ Procure and manage engineering consultants and other design professionals in the planning and design of sanitary and storm sewer asset rehabilitation and replacements.

**Sanitation District #1
Fort Wright, KY**

**Plan Review Engineer
February 2015-July 2017**

- ✓ Review engineering drawings, specifications, and other project deliverables for accuracy, completeness and compliance with the governing rules and regulations for storm water projects.
- ✓ Conduct Storm water modeling to check accuracy of permit application module outputs and to identify alternative design scenarios when necessary.
- ✓ Complete the notice of termination process by acquiring record drawings, site inspections, and communicating with local engineers and project owners.
- ✓ Compiling Correction Notices and Notices of Violation for project sites that are not in compliance.

**Sanitation District #1
Fort Wright, KY**

**Stormwater Co-op
October 2013-February 2015**

- ✓ Assist in stormwater and post-construction best management practice plan review.
- ✓ Complete notice of termination process by acquiring record drawings, site inspections, and communicating with local engineers and project owners.
- ✓ Compiling Correction Notices and Notices of Violation for project sites that are not in compliance.
- ✓ Completed site inspection of water quality BMPs and compiled notices of deficiencies when applicable.

RESOLUTION

A RESOLUTION THAT SD1'S BOARD OF DIRECTORS APPROVES AND AUTHORIZES SUBMISSION OF CONDEMNATION PROCEEDINGS FOR THE PROPOSED 2025 PROPERTY ACQUISITION LIST TO THE BOONE, CAMPBELL AND KENTON COUNTY JUDGES/EXECUTIVE FOR APPROVAL.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF SANITATION DISTRICT NO. 1:

1. That SD1's Board of Directors approves and authorizes submission of condemnation proceedings of the Proposed 2025 Property Acquisition List to the Boone, Campbell and Kenton County Judges/Executive for approval.
2. That this Resolution shall be in full force and effect as passed and recorded according to law.

Passed: May 21, 2024

APPROVED:



Jack Scott, PRESIDENT

ATTEST:



Jason Finch, SECRETARY

Property Acquisition Listing FY 2025 as of 05/21/2024

Legend		PROPOSED, OWNER YET TO BE CONTACTED
		NEGOTIATING
		AGREED IN PRINCIPLE
		EASEMENT/PROPERTY ACQUIRED SINCE LAST MEETING
		AUTHORIZATION TO PROCEED GRANTED BY THE COURTS
		CONDEMNATION
		PROPERTY/EASEMENT NOT NEEDED

Project Title	Owner(s)	Property Address	County	PIDN	Type
3150 TAYLOR CREEK	SMITH JEROME L & KAY F	3149 TAYLOR CREEK DR	Campbell	057-20-00-090.04	Storm
	NEAL AMY L & BRIAN K	3150 TAYLOR CREEK DR	Campbell	057-20-00-090.05	Storm
	WALKER CHRISTINA L	3157 TAYLOR CREEK DR	Campbell	057-20-00-090.02	Storm
	BETTINSON TIMOTHY C &	3158 TAYLOR CREEK DR	Campbell	057-20-00-090.07	Storm
	PUGH ROBERT K & SHANNON	3161 TAYLOR CREEK DR	Campbell	057-20-00-090.01	Storm
	GJELUCI KLAUDIO & ANDREA C	3162 TAYLOR CREEK DR	Campbell	057-20-00-090.08	Storm
	GREGORY NICK & AMY	3165 TAYLOR CREEK DR	Campbell	057-20-00-100.54	Storm
	DAVIS SCOTT &	3166 TAYLOR CREEK DR	Campbell	057-20-00-100.55	Storm
	BANSCHBACH SAMUEL N &	3170 TAYLOR CREEK DR	Campbell	057-20-00-100.56	Storm
	LAYTART KIRK M & ERIN K	3173 TAYLOR CREEK DR	Campbell	057-20-00-100.52	Storm
	LEE GREGORY S & CASEY M	3174 TAYLOR CREEK DR	Campbell	057-20-00-100.57	Storm
	KNOCHMANN CARL B & THERESA	3177 TAYLOR CREEK DR	Campbell	057-20-00-100.51	Storm
	GARCIA MARIA & ZEIGLER JEREMY	3178 TAYLOR CREEK DR	Campbell	057-20-00-100.58	Storm
	KOETTING DAVID W & KRISTEN M	3181 TAYLOR CREEK DR	Campbell	057-20-00-100.50	Storm
	SCOTT BARRY C & ROGERS ANNE L	3182 TAYLOR CREEK DR	Campbell	057-20-00-100.59	Storm
	JELLISON KURT R	3185 TAYLOR CREEK DR	Campbell	057-20-00-100.49	Storm
	KOCH MARK A & KAREN T	3189 TAYLOR CREEK DR	Campbell	057-20-00-100.48	Storm
	VICKERY ADRIAN R & RAMONA P	3190 TAYLOR CREEK DR	Campbell	057-20-00-100.60	Storm
	WERNERT BRANDON M & AMY L	3193 TAYLOR CREEK DR	Campbell	057-20-00-100.47	Storm
	SPATA JOAN	3197 TAYLOR CREEK DR	Campbell	057-20-00-100.46	Storm
	ZIMMERMAN DAVID A & MELISSA R	3198 TAYLOR CREEK DR	Campbell	057-20-00-100.61	Storm
	GRASSO SUSAN M	3234 MCCOWAN DR	Campbell	057-20-01-103.00	Storm
	PETERS JULIE ANNE TRUSTEE	3333 MADISON PK STE C	Campbell	057-20-00-090.03	Storm
	BERLING CHARLES LAND CORP	3333 MADISON PK STE C	Campbell	057-20-00-090.06	Storm
	BERLING CONSTRUCTION CO	3333 MADISON PK STE C	Campbell	057-20-00-100.53	Storm
	ZIEGLER TODD A & KATHRYN M	6186 MAPLE RIDGE DR	Campbell	057-20-00-100.73	Storm
	FRANKS LEAHA A	6190 MAPLE RIDGE DR	Campbell	057-20-00-100.74	Storm
3462 REEVES DR	ROBERTS JOANN BIRKELUND &	3447 REEVES DR	Kenton	042-20-00-001.04	Storm
	CANNON PAULA K	3451 REEVES DR	Kenton	042-20-00-042.00	Storm
	WICKELHAUS GREGORY J &	3455 REEVES DR	Kenton	042-20-00-041.00	Storm
	KNOLLMAN MICHAEL P TRUSTEE	3459 REEVES DR	Kenton	042-20-00-040.00	Storm
	LONGSHORE THOMAS F & PAULA B	3462 REEVES DR	Kenton	042-20-00-012.00	Storm
	WOLNITZKE JEFFREY W TRUSTEE	3463 REEVES DR	Kenton	042-20-00-039.00	Storm
	SMITH BENJAMIN P &	3466 REEVES DR	Kenton	042-20-00-013.00	Storm
	COLLINS JANNA L & DAVID T	3467 REEVES DR	Kenton	042-20-00-038.00	Storm
	BRAMLAGE JR MICHAEL T &	3471 REEVES DR	Kenton	042-20-00-037.00	Storm
	REDMOND JOHN P & DIANA L	3475 REEVES DR	Kenton	042-20-00-036.00	Storm
34 KATHY LN	SLUGANTZ ERIC W &	3476 REEVES DR	Kenton	042-20-00-014.00	Storm
	MCDONALD JOSEPH & CHARLENE	24 KATHY LN	Campbell	999-99-14-783.00	Storm
	CLINKENBEARD JAS H & JANELLE D	30 KATHY LN	Campbell	999-99-12-920.00	Storm
	JOHNSTON DEBORAH	34 KATHY LN	Campbell	999-99-16-342.00	Storm
DRY CREEK MITIGATION BANK	MILLS COLLIER	60 MADONNA PL	Campbell	999-99-16-210.00	Storm
	CORPOREX PARKS OF KY	1360-A PACIFIC AVE	Kenton	002-00-00-005.00	Storm
35 BURNLEY LN, FT. THOMAS	THOMAS MORE COLLEGE	333 THOMAS MORE PKWY	Kenton	001-00-00-020.01	Storm
	MAUSHART LAWRENCE & MARY JO	35 BURNLEY LN	Campbell	999-99-14-751.00	Storm
	FORTY BURNLEY KY LLC	40 BURNLEY LN	Campbell	999-99-14-505.00	Storm
	WAGENLANDER RACHAEL M	41 BURNLEY LN	Campbell	999-99-16-564.00	Storm
599 ROGERS RD, VILLA HILLS	DILL RONALD J	48 BURNLEY LN	Campbell	999-99-13-199.00	Storm
	GRONECK KYLE ROBERT &	596 ROGERS RD	Kenton	002-30-01-040.00	Storm
	BROUSSARD JANE E	598 ROGERS RD	Kenton	002-30-01-042.00	Storm
	BLAZEJEWSKI JANUSZ L & KATHY	599 ROGERS RD	Kenton	002-30-01-026.00	Storm
	BURK III EDWARD J & PATTI C	607 ROGERS RD	Kenton	002-30-01-025.00	Storm
VINCENT DR	EGAN ROBERT M & PATRICIA H	619 ROGERS RD	Kenton	002-30-01-021.00	Storm
	MEYER RICHARD E & SANDRA R	724 VINCENT DR	Kenton	058-20-00-015.00	Storm
	DANIEL COLLEEN F	726 VINCENT DR	Kenton	058-20-00-045.00	Storm
	DABBELT JACQUELINE L	728 VINCENT DR	Kenton	058-20-00-044.00	Storm
	THUENEMAN PAULA J & DAVID W	730 VINCENT DR	Kenton	058-20-00-043.00	Storm
	RUST ALLEN D & ANITA M	732 VINCENT DR	Kenton	058-20-00-042.00	Storm
	GIBSON ROY L & MAUREEN E	734 VINCENT DR	Kenton	058-20-00-041.00	Storm
	WEBSTER CARL W & THERESA A	736 VINCENT DR	Kenton	058-20-00-040.00	Storm
	BRAUNWART THOMAS A	738 VINCENT DR	Kenton	058-20-00-039.00	Storm
	CLARY WILLIAM C & MONICA	740 VINCENT DR	Kenton	058-20-00-038.00	Storm
	DAVIS ROBERT J & TERESA L	742 VINCENT DR	Kenton	058-20-00-037.00	Storm
	WATERS KATHLEEN M	743 BONNIE DR	Kenton	058-20-00-055.00	Storm
	MARKSBERRY BILLY R & ELIZABETH	744 VINCENT DR	Kenton	058-20-00-036.00	Storm
	OBERST MARK W	744 BONNIE DR	Kenton	058-20-00-056.00	Storm
	ODONNELL PATRICK J & MARY S	748 VINCENT DR	Kenton	058-20-00-034.00	Storm
	FROMME JR THOMAS J &	750 VINCENT DR	Kenton	058-20-00-033.00	Storm
920 KYLES LN	CUNNINGHAM GERRY	935 KYLES LANE	Kenton	042-30-00-056.00	Sanitary
HORSEBRANCH RD	NASH RENTALS LLC	1 MEDICAL VILLAGE DR	Kenton	029-20-00-001.00	Sanitary
	CUNNINGHAM SR GERRY W &	667 HORSEBRANCH RD	Kenton	029-40-00-001.15	Sanitary
	THOMAS MORE CENTRE HEMMER	693 HORSEBRANCH RD	Kenton	029-40-00-001.11	Sanitary
	THOMAS MORE CENTRE HEMMER	701 HORSEBRANCH RD	Kenton	029-40-00-001.02	Sanitary
	PRESTON WALTER EDWARD TRUSTEE	110 19TH ST E	Kenton	055-14-24-020.00	Sanitary
	MANESS JEAN C	112 19TH ST E	Kenton	055-14-24-019.00	Sanitary

EXHIBIT

SD1-Pile000175

1903 GARRARD STREET	PATTON TAVIS CODY	115 19TH ST E	Kenton	055-14-24-018.00	Sanitary
	FURNIER KIMBERLY S	118 19TH ST E	Kenton	055-14-24-017.00	Sanitary
	ROSE ELIZABETH C	1816 SCOTT ST	Kenton	055-14-24-027.00	Sanitary
	HARDY CAROLYN & HUFFMAN LUCAS	1818 SCOTT ST	Kenton	055-14-24-026.00	Sanitary
	SMITH-ALDEN THOMAS C	1820-22 SCOTT ST	Kenton	055-14-24-025.00	Sanitary
	SHELTON MICHELLE D	1824 SCOTT ST	Kenton	055-14-24-024.00	Sanitary
	KOVERMAN KIMBERLY	1825 GREENUP ST	Kenton	055-14-24-016.00	Sanitary
	ROSS ZANE & CHRISTINA &	1826 SCOTT ST	Kenton	055-14-24-023.00	Sanitary
	MORRISON JOSEPH & MARY	1828 SCOTT ST	Kenton	055-14-24-022.00	Sanitary
	CARTER HARRY W & JULIA	1830 GREENUP ST	Kenton	055-17-02-032.00	Sanitary
	LOWE WILLA & HENRY	1903 GARRARD ST	Kenton	055-32-03-006.00	Sanitary
	DEAL ANTHONY W & NICOLE	1905 GARRARD ST	Kenton	055-32-03-007.00	Sanitary
	SCHWITZINGER ALLISON VAUGHN	1906 GARRARD ST	Kenton	055-32-11-027.00	Sanitary
	COULSON ELIJAH	1907 DENVER ST	Kenton	055-32-11-005.00	Sanitary
	GEMMER JONES SETHANIE J & GEMMER II STEVEN EARL	1908 GARRARD ST	Kenton	055-32-11-026.00	Sanitary
	CY DENVER LLC	1909 DENVER ST	Kenton	055-32-11-006.00	Sanitary
	HOUSLEY CHRISTAL MARIE	1910 GARRARD ST	Kenton	055-32-11-025.00	Sanitary
	DECKARD PROPERTIES LLC	1911 DENVER ST	Kenton	055-32-11-007.00	Sanitary
	COBBINS JOHN & CARLA	209 19TH ST E	Kenton	055-32-03-002.00	Sanitary
	HORNBACK ROSE A	210 19TH ST E	Kenton	055-32-02-031.00	Sanitary
	DIGHE MELINDA S &	212 19TH ST E	Kenton	055-32-02-030.00	Sanitary
	HOLMAN ZACHARY S &	214 19TH ST E	Kenton	055-32-02-029.00	Sanitary
	COLLINS JAMES PAUL	215 19TH ST E	Kenton	055-32-03-002.01	Sanitary
	216 E 19TH STREET LLC	216 19TH ST E	Kenton	055-32-02-028.00	Sanitary
	BOONE MICHAEL P &	217-223 19TH ST E	Kenton	055-32-03-003.00	Sanitary
BROMLEY CRESCENT SPRINGS CONVEYANCE PIPING PHASE II	BRYANT CHERYL M TRUSTEE	1715 HIGHWATER ROAD	Kenton	027-10-00-244.00	Sanitary
	SPENCER BETTY R	1796 ST. JOHNS ROAD	Kenton	027-20-05-014.05	Sanitary
	SPENCER JOSHUA C	1800 ST. JOHNS ROAD	Kenton	027-20-05-014.04	Sanitary
	TYRO CONSTRUCTION	1830 ST. JOHNS ROAD	Kenton	027-20-05-014.03	Sanitary
	MONHOLLEN DONALD R	1840 ST. JOHNS ROAD	Kenton	027-20-05-014.02	Sanitary
	WRIGHT DOUGLAS A & ANGELA M	1850 ST. JOHNS ROAD	Kenton	027-20-05-014.01	Sanitary
	WRIGHT DOUGLAS A & ANGELA M	1856 ST. JOHNS ROAD	Kenton	027-20-05-014.00	Sanitary
	BETHEL BAPTIST CHURCH TRUSTEES	1862 ST. JOHNS ROAD	Kenton	027-20-05-015.00	Sanitary
	MARTIN JOHN T	1868 ST. JOHNS ROAD	Kenton	027-20-05-016.00	Sanitary
	MARTIN JOHN T	1901 AMSTERDAM ROAD	Kenton	027-20-05-017.00	Sanitary
	FELDMAN PATRICIA JANE	692 BROMLEY CRESCENT SPRINGS ROAD	Kenton	027-10-00-248.00	Sanitary
	EARLY CLINTON & JESSICA	701 BROMLEY CRESCENT SPRINGS ROAD	Kenton	027-10-00-245.00	Sanitary
	AKHP LLC	717 BROMLEY CRESCENT SPRINGS ROAD	Kenton	027-10-00-242.00	Sanitary
	AKHP LLC	719 BROMLEY CRESCENT SPRINGS ROAD	Kenton	027-10-00-241.00	Sanitary
	LRD PROPERTIES LLC	771 BROMLEY CRESCENT SPRINGS ROAD	Kenton	027-10-00-233.00	Sanitary
NEWPORT FESTIVAL PARK CSO	NEWPORT CITY OF	E 3RD ST	Campbell	999-99-36-044.04	Sanitary
	CITY OF NEWPORT	E 3RD ST	Campbell	999-99-36-044.06	Sanitary
	CITY OF NEWPORT	E 3RD ST	Campbell	999-99-36-044.07	Sanitary
	NEWPORT CITY OF	E 3RD ST	Campbell	999-99-36-044.08	Sanitary
	NEWPORT SOUTHBANK BRIDGE COM	E 3RD ST	Campbell	999-99-36-973.00	Sanitary
BELLEVUE RIVER FRONT CSO REDUCTION PHASE II	CITY OF NEWPORT	RIVERBOAT ROW	Campbell	999-99-36-949.73	Sanitary
	HARBOR GREENE CONDO ASSOC INC	FAIRFIELD AVE	Campbell	999-99-05-982.01	Sanitary
	BELLEVUE CITY OF	LAFAYETTE AVE	Campbell	999-99-05-982.00	Sanitary
	BELLEVUE HOUSING COMMISSION	100 FOOTE AVE	Campbell	999-99-33-428.00	Sanitary
	BELLEVUE CITY OF	100 VAN VOAST AVE	Campbell	999-99-06-093.00	Sanitary
	GRUNENWALD PAUL & BARBARA	201 EDEN AVE	Campbell	999-99-06-553.00	Sanitary
	GRUNENWALD PAUL & BARBARA	205 EDEN AVE	Campbell	999-99-07-819.00	Sanitary
	GRUNENWALD PAUL & BARBARA	207 EDEN AVE	Campbell	999-99-06-555.00	Sanitary
	GRUNENWALD PAUL & BARBARA	211 EDEN AVE	Campbell	999-99-07-060.00	Sanitary
	DIENER REBECCA ANNE	213 EDEN AVE	Campbell	999-99-06-556.00	Sanitary
	GRUNENWALD PAUL & BARBARA	217 EDEN AVE	Campbell	999-99-06-728.00	Sanitary
	GRUNENWALD PAUL & BARBARA	219 EDEN AVE	Campbell	999-99-06-729.00	Sanitary
	BRICKING MARK	221 EDEN AVE	Campbell	999-99-06-097.00	Sanitary
	BRICKING MARK	225 EDEN AVE	Campbell	999-99-06-090.00	Sanitary
	BRICKING MARK	227 EDEN AVE	Campbell	999-99-06-095.00	Sanitary
	BOSCH RENTALS LLC	229 EDEN AVE	Campbell	999-99-06-061.00	Sanitary
	SPURLOCK JOHNNIE & HARRIETT M	233 EDEN AVE	Campbell	999-99-07-957.00	Sanitary
	BOSCH RENTALS LLC	235 EDEN AVE	Campbell	999-99-08-135.00	Sanitary
	BOGUSZEWSKI DAVID & SANDRA J	24 WASHINGTON AVE	Campbell	999-99-06-049.00	Sanitary
	WATERSEdge AT BELLEVUE	299-301 EDEN AVE	Campbell	999-99-07-926.00	Sanitary
	WATERSEdge AT BELLEVUE	303 EDEN AVE	Campbell	999-99-06-559.00	Sanitary
	BLUEGRASS AERIE # 964 FOE/BELL TRUSTEES	411 FRANK BENKE WAY	Campbell	999-99-06-036.00	Sanitary
	BELLEVUE CITY OF	501 FRANK BENKE WAY	Campbell	999-99-07-592.00	Sanitary
	BELLEVUE CITY OF	LAFAYETTE AVE	Campbell	999-99-05-982.00	Sanitary
CENTRAL BOONE COUNTY SHAFT & FW PHASE I	MILLS CLINTON R	5120 BURLINGTON	Boone	018.00-00-010.04	Sanitary
	FELDBAUS JAMES D & LOUISE	4780 HAND	Boone	017.00-00-023.01	Sanitary
	NELSON JAMES	4790 HAND	Boone	017.00-00-023.09	Sanitary
	MCCORMICK COLLEEN A	4819 HAND	Boone	017.00-00-023.10	Sanitary
	TUCKER GARY L	4831 HAND	Boone	017.00-00-023.07	Sanitary
	TUCKER GARY LJR	4843 HAND RD	Boone	017.00-00-023.05	Sanitary
	FREEMAN LISA	4855 HAND RD	Boone	017.00-00-023.06	Sanitary
	LEGGE JEREMY A & KATHERINE E	4949 WOOLPER	Boone	017.00-00-008.05	Sanitary
	CHESLOCK MARK A	4951 HAND	Boone	017.00-00-023.14	Sanitary
	GIFFORD CLAUDE	4953 WOOLPER	Boone	017.00-00-023.03	Sanitary
	MY WAY FARMS LLC	5158 BURLINGTON PIKE	Boone	017.00-00-024.09	Sanitary
	WARNEKE WILLIAM H JR & RHONDA JEAN GEBHAR	4899 HAND RD	Boone	017.00-00-023.08	Sanitary
	WARNEKE WILLIAM H JR & RHONDA JEAN GEBHAR	4899 HAND RD Parcel B	Boone	017.00-00-023.13	Sanitary
	5002 BURLINGTON PIKE PROPERTIES LLC	5000-5004 BURLINGTON PK	Boone	017.00-00-026.00	Sanitary
	MILLS CLINTON R	5114 BURLINGTON PIKE	Boone	018.00-00-010.00	Sanitary
	VASILI BILL & PATRICIA	5240 BOTTS LN	Boone	017.00-00-024.00	Sanitary
CENTRAL BOONE COUNTY - PUMP STATION PHASE II	CLARKSTON MICHAEL & CONNIE	4166 ASHBY FORK RD	Boone	017.00-00-005.02	Sanitary
	KIRBY JAY & JULIE	4639 EASTON LANE	Boone	017.00-00-022.02	Sanitary
	HOPPIUS THOMAS	4923 WOOLPER RD	Boone	017.00-00-008.02	Sanitary
	POWELL STEVEN M & ANGELA R	4930 WOOLPER	Boone	017.00-00-022.03	Sanitary
	BURRIS GARY P	4883 WOOLPER RD	Boone	017.00-00-008.00	Sanitary
	WETHINGTON NANCY CAROL	1103 KENTON ST	Kenton	003-40-11-036.00	Storm
	MULLINS MARIE F TRUSTEE	112 MAIN ST	Kenton	004-30-15-008.00	Storm
	MULLINS MARIE F TRUSTEE	115 MAIN ST	Kenton	003-40-07-023.00	Storm
	WINSTON ROSE MARY	118 KENTON ST	Kenton	003-40-07-011.00	Storm
	WEBB CHARLENE L	120 KENTON ST	Kenton	003-40-07-012.00	Storm
	UNITED CHRISTIAN VOLUNTEERS	13-15 KENTON ST	Kenton	003-40-11-040.00	Storm
	LINDEMAN LORI J	301 LYTLE AVE	Kenton	004-30-19-001.00	Storm
	STANTON MOMES LLC	303 LYTLE AVE	Kenton	004-30-19-010.00	Storm

MAPLE & LYTLE

GOINS EUGENE & CHEROKEE L	305 LYTLE AVE	Kenton	004-30-19-009.00	Storm
TESTER MARLIN K & MARY E	314 LYTLE AVE	Kenton	004-30-16-014.00	Storm
HOPPER BRYAN	316 LYTLE ST	Kenton	004-30-16-015.00	Storm
MORGAN VICTORIA & BRANDON	416 LYTLE AVE	Kenton	004-30-08-122.00	Storm
HAFFER H WAYNE & DONNA J	601-603 ORCHARD ST	Kenton	003-40-07-010.00	Storm
PEREZ JOSE & MIRIAM	602 ORCHARD ST	Kenton	003-40-06-009.00	Storm
REVERMAN JOHN M	604 ORCHARD ST	Kenton	003-40-06-010.00	Storm
HAFFER H WAYNE & DONNA J	605-607 ORCHARD ST	Kenton	003-40-07-009.00	Storm
CONNER TAMARA J	609 ORCHARD ST	Kenton	003-40-07-008.00	Storm
ARNOLD STORMY J	611 ORCHARD ST	Kenton	003-40-07-007.00	Storm
HOLEMAN BRIAN & BRITTANY	613 ORCHARD ST	Kenton	003-40-07-006.00	Storm
SPADA DEVON	615 ORCHARD ST	Kenton	003-40-07-005.00	Storm
BAYN JOANNA S & BRITTANY	624 WILLOW ST	Kenton	003-40-07-018.00	Storm
LITTLE LARRY C & DARLENE	628 WILLOW ST	Kenton	003-40-07-019.00	Storm
HEATH PAULA D	630 WILLOW ST	Kenton	003-40-07-020.00	Storm
COLE-WALSH TONYA L	632 WILLOW ST	Kenton	003-40-07-021.00	Storm
EVANS JR ROBERT J	634 WILLOW	Kenton	003-40-07-022.00	Storm
PIERCE JOSHUA WALTERMAN	635 WILLOW ST	Kenton	004-30-21-008.00	Storm
MULLINS MARIE F TRUSTEE	701-11 WILLOW ST	Kenton	004-30-19-002.00	Storm
ROSE JEREMY	714 MAPLE AVE	Kenton	004-30-19-008.00	Storm
MCCULLAH JOE & MARGARET	825 MAPLE AVE	Kenton	004-30-08-121.00	Storm
ELSMERE CITY OF	829 MAPLE AVE	Kenton	004-30-21-137.00	Storm

CLAY, DIVISION, ERLANGER

SILVERLAKE PROPERTIES LTD	106 W MAPLE AVE	Kenton	015-10-11-027.05	Storm
KOHL RITA M & DAVID G	117 CLAY ST	Kenton	015-10-02-014.00	Storm
WEBSTER GEORGE E &	117 DIVISION ST	Kenton	015-10-03-014.00	Storm
SCHLAGEL MICAH	119 CLAY ST	Kenton	015-10-02-013.00	Storm
CLARK ANITA L	121 LOCUST ST	Kenton	015-20-20-006.00	Storm
BAKER JR ROBERT D	122 CENTER ST	Kenton	015-10-02-020.00	Storm
PHINNEY CATHERINE E	133 CENTER ST	Kenton	015-20-21-003.00	Storm
HAMILTON DEBORAH SUE	134 CENTER ST	Kenton	015-10-02-021.00	Storm
HUTCHISON PEARL A & HELEN P	164 HAMMOCK RIDGE DR	Kenton	015-10-03-021.00	Storm
SMITH DEBORAH L	205 LOCUST ST	Kenton	015-20-20-005.00	Storm
SHIPP III JESSE R	2126 N WALWATOSA AVE	Kenton	015-10-03-015.00	Storm
PRICE JENA D	22 JULIA AVE	Kenton	015-10-02-015.00	Storm
STOECKLE DAVID G & MARY E	304 HIGHLAND AVE	Kenton	015-10-03-016.01	Storm
STOECKLE DAVID G & MARY E	304 HIGHLAND AVE	Kenton	015-10-03-016.04	Storm
DAWES JONATHAN & KRISTLE	3206 LAKE ST	Kenton	015-10-03-016.00	Storm
GODDARD CHRISTOPHER A	3210 LAKE ST	Kenton	015-10-03-017.00	Storm
GRAHAM KEVIN D & EADS OLIVIA &	3212 LAKE ST	Kenton	015-10-03-018.00	Storm
MEINER CLARENCE J & JOAN	3214 LAKE ST	Kenton	015-10-03-019.00	Storm
SELM THOMAS J & REBECCA J	3222 LAKE ST	Kenton	015-10-02-017.00	Storm
ERLANGER CITY OF	505 COMMONWEALTH AVE	Kenton	015-10-12-034.00	Storm
ERLANGER CITY OF	505 COMMONWEALTH AVE	Kenton	015-20-21-004.00	Storm
TAT INVESTMENTS LLC	7660 INDUSTRIAL RD	Kenton	015-10-12-033.00	Storm
NKH INVESTMENT LLC	7933 HEDGEWOOD CIR	Kenton	015-10-02-016.00	Storm

6 EDNA LANE

DUNCAN GRAHAM & POE ALYSHA	10 EDNA LN	Kenton	042-10-00-106.00	Storm
DOYLE JAMES R & JUSTINE N	107 ROSA AVE	Kenton	041-20-00-168.01	Storm
ACKLEY LAUREN ELISABETH &	109 ROSA AVE	Kenton	041-20-00-169.00	Storm
STEENKEN NOAH E	11 HENRY CLAY AVE W	Kenton	041-40-00-041.00	Storm
LONG MATTHEW & SARA	113 KYLES LN	Kenton	041-20-00-119.00	Storm
LONGHAUSER ROBERT A & EMELY	115 KYLES LN	Kenton	041-20-00-120.00	Storm
ROBERTS SHAWN & RANDALL-ROBERTS DENA	112 EDNA LN	Kenton	042-10-00-106.01	Storm
OTOOLE MATTHEW B	13 EDNA LN	Kenton	042-10-00-107.00	Storm
DENHAM JACK & LAWS RANDI	14 EDNA LN	Kenton	042-10-00-108.00	Storm
MCCAY KEVIN M	15 AUGUSTA AVE	Kenton	041-20-00-021.00	Storm
ROGERS NATHAN	15 EDNA LN	Kenton	042-10-00-109.03	Storm
SHEA BROOKE ALEXA S	15 HENRY CLAY AVE W	Kenton	041-40-00-043.00	Storm
JONES ZACHARY V & LINDSEY K	16 ROSA AVE	Kenton	041-20-00-165.00	Storm
WEBER JAMES C & MARILYN M	17 AUGUSTA AVE	Kenton	041-20-00-022.00	Storm
GRIMES RICKY & KAREN D	17 HENRY CLAY AVE W	Kenton	041-40-00-045.00	Storm
BROWN JENNIFER N TRUSTEE	19 HENRY CLAY AVE W	Kenton	041-40-00-047.00	Storm
LANKHEIT JESSICA LEE	21 AUGUSTA AVE	Kenton	041-20-00-025.00	Storm
KISKER BENJAMIN &	21 HENRY CLAY AVE W	Kenton	041-40-00-049.00	Storm
GLAVIAN JESSICA LEE	23 AUGUSTA AVE	Kenton	041-40-00-027.00	Storm
STANLEY SAMUEL D & ERIN M	25 AUGUSTA AVE	Kenton	041-20-00-029.00	Storm
CHEAP CHRISTOPHER N	25 LAKE ST	Kenton	041-20-00-134.00	Storm
KREUTZIAN'S GEORGE	27 AUGUSTA AVE	Kenton	041-20-00-031.00	Storm
ECLIPSE PROPERTIES LLC	27 LAKE ST	Kenton	041-20-00-136.00	Storm
REINERSMAN JOHN J & JUDITH A	28 LAKE ST	Kenton	041-20-00-136.01	Storm
HOFFER JORDAN T	29 AUGUSTA AVE	Kenton	041-20-00-033.00	Storm
RUWE ANDREW & ERIN	29 EDNA LN	Kenton	042-10-00-110.00	Storm
LAMPKE THOMAS G	3 HENRY CLAY AVE W	Kenton	041-40-00-035.00	Storm
FESSLER CLAIRE E & SCHREIBER JOHN T	31 AUGUSTA AVE	Kenton	041-20-00-035.00	Storm
ACKLEY NICHOLAS A & KEMP DANA C	33 AUGUSTA AVE	Kenton	041-20-00-035.00	Storm
METZGER WILLIAM & PATRICIA A	35 AUGUSTA AVE	Kenton	041-20-00-036.01	Storm
PRICE STEVEN T	5 HENRY CLAY AVE W	Kenton	041-40-00-037.00	Storm
MARTINEZ SUSANNE M & SERGIO T	5 EDNA LN	Kenton	042-10-00-104.00	Storm
STADLER THOMAS GREGORY	7 HENRY CLAY AVE W	Kenton	041-40-00-039.00	Storm
RENTROP TERRI & PETE	8 EDNA LN	Kenton	042-10-00-111.00	Storm
TOLL BRANDI S	9 EDNA LN	Kenton	042-10-00-105.00	Storm
JOHNS RONALD W & GLORIA	9 HENRY CLAY AVE W	Kenton	041-40-00-039.01	Storm
FT WRIGHT CITY OF	AUGUSTA AVE	Kenton	042-10-00-045.06	Storm
FT WRIGHT CITY OF	HIGHLAND PK	Kenton	042-10-00-270.01	Storm

KIMBERLY, INDEPENDENCE

BRANDENBURG GEORGE E &	4084 KIMBERLY DR	Kenton	017-20-00-227.00	Storm
ROSENACKER MARY T TRUSTEE	4086 KIMBERLY DR	Kenton	017-20-00-228.00	Storm
CRAIL FREDERICK J & SHARON C	4086 KIMBERLY DR	Kenton	017-20-00-229.00	Storm
LITTELL FRANK D & ELIZABETH	4088 ELIZABETH DR	Kenton	017-20-00-290.00	Storm
NANCE JEREMY	4088 KIMBERLY DR	Kenton	017-20-00-230.00	Storm
NANCE JEFFERY D	4089 ELIZABETH DR	Kenton	017-20-00-235.00	Storm
BYRD ELVIS & RILEY BONNIE J	4089 KIMBERLY DR	Kenton	017-20-00-209.00	Storm
CAYLOR DENNIS C	4090 KIMBERLY DR	Kenton	017-20-00-231.00	Storm
ELLIS NICHOLAS L & ALICE M	4092 ELIZABETH DR	Kenton	017-20-00-291.00	Storm
ISLER CLYDE R	4092 KIMBERLY DR	Kenton	017-20-00-232.00	Storm
WALKER CHRISTOPHER L & RACHEL	4093 ELIZABETH DR	Kenton	017-20-00-289.00	Storm
MORGAN MARK K & KATHERINE	4093 KIMBERLY DR	Kenton	017-20-00-208.00	Storm
PELSTRING DANIEL V & KRISTY A	4094 KIMBERLY DR	Kenton	017-20-00-233.00	Storm
MARTIN GLEN	4096 KIMBERLY DR	Kenton	017-20-00-234.00	Storm
SALYER GERALD R & KAREN A	4097 ELIZABETH DR	Kenton	017-20-00-288.00	Storm
COOPER ANTHONY &	871 KIMBERLY PL	Kenton	017-20-00-236.00	Storm
ESPINOZA ARNOLD	874 INDEPENDENCE STATION RD	Kenton	017-20-00-286.00	Storm

	BECKER WILLIAM & SANDRA	876 INDEPENDENCE STATION RD	Kenton	017-20-00-285.00	Storm
MACKOY, COVINGTON	BROCOL PROPERTIES LLC	2013 MACKOY AVE	Kenton	055-32-04-007.00	Sanitary
	FROMMEL JACK A & JANICE	2015 MACKOY AVE	Kenton	055-32-04-008.00	Sanitary
	GARCIA EDUARDO NICOLAS	2016 GREENUP ST	Kenton	055-32-04-104.00	Sanitary
	WALD JOHN L & GOLDIE J	2016 MACKOY AVE	Kenton	055-32-04-031.00	Sanitary
	COVINGTON CITY OF	2018 GREENUP ST	Kenton	055-32-04-103.00	Sanitary
	PERRY JOHN A	2019 GARRARD ST	Kenton	055-32-04-048.00	Sanitary
	DUNAWAY KATRINA	2020 MACKOY AVE	Kenton	055-32-04-030.00	Sanitary
	ABSOLUTE HOLDINGS LLC	2023 GARRARD ST	Kenton	055-32-04-049.00	Sanitary
	GASTRIGHT STEPHEN & SIMPSON ERIN	2102 MARYLAND AVE	Kenton	055-32-05-001.00	Sanitary
	PHAM DAVID VAN	2107 MARYLAND AVE	Kenton	055-32-04-071.00	Sanitary
	TUCKER JAS A & GOSNEY KATHY J	2109 MARYLAND AVE	Kenton	055-32-04-109.00	Sanitary
	EHOODIN JAIMEE M & ALEXANDER H	2111 MARYLAND AVE	Kenton	055-32-04-072.00	Sanitary
	FLORENCE MARY CAKA	2113 MARYLAND AVE	Kenton	055-32-04-073.00	Sanitary
	BARKLEY KRISTY FAYE & KEENE RENTALS LLC	2115 MARYLAND AVE	Kenton	055-32-04-074.00	Sanitary
	BRUCE ROBERT W	2117 MARYLAND AVE	Kenton	055-32-04-075.00	Sanitary
	DSMC LLC	301 21ST ST E	Kenton	055-32-04-065.00	Sanitary
	WILSON HEATHER L	303 21ST ST E	Kenton	055-32-04-066.00	Sanitary
	SCHWARTZ ROBERT	305 21ST ST E	Kenton	055-32-04-067.00	Sanitary
	PAVILION AT KENTON	307 21ST ST E	Kenton	055-32-04-068.00	Sanitary
	PAVILION AT KENTON	309 21ST ST E	Kenton	055-32-04-069.00	Sanitary
	PAVILION AT KENTON	313 21ST ST E	Kenton	055-32-04-070.00	Sanitary
BRENTWOOD CIR	ROUTT JAMIE BROGAN ET AL	401 20TH ST E	Kenton	055-32-17-012.00	Sanitary
	FT THOMAS CITY OF	BRENTWOOD PL	Campbell	999-99-12-692.01	Sanitary
	BEREJENA CHARLOTTE & FARIRAI	RIVER RD	Campbell	999-99-38-063.00	Sanitary
	BEREJENA CHARLOTTE & FARIRAI	RIVER RD	Campbell	999-99-13-880.01	Sanitary
	ROUTT JAMIE BROGAN ET AL	RIVER RD	Campbell	999-99-13-880.00	Sanitary
	VB ONE LLC	110 BRENTWOOD PL	Campbell	999-99-12-692.00	Sanitary
	EFGH HOMES LLC	118 BRENTWOOD PL	Campbell	999-99-16-092.00	Sanitary
	RIXSON TIMOTHY J	120 BRENTWOOD PL	Campbell	999-99-14-694.00	Sanitary
	THOMER ELIJAH PATRICK	124 BRENTWOOD PL	Campbell	999-99-17-346.00	Sanitary
	WHISMAN KIM ALAN	134 BRENTWOOD PL	Campbell	999-99-17-079.00	Sanitary
	FOUBERT MAARTEN G	138 BRENTWOOD PL	Campbell	999-99-12-271.01	Sanitary
	CURTIN DANIEL J & ELLEN Z	142 BRENTWOOD PL	Campbell	999-99-12-271.00	Sanitary
	MONAHAN JASON	148 BRENTWOOD PL	Campbell	999-99-13-055.00	Sanitary
	CHOLAKOV PETAR	293 RIVER RD	Campbell	999-99-12-692.02	Sanitary
	STUART MATTHEW & ERIKA	301 RIVER RD	Campbell	999-99-15-345.00	Sanitary
	WHISMAN KIM ALAN	309 RIVER RD	Campbell	999-99-16-092.01	Sanitary
	FOUBERT MAARTEN	333 RIVER RD	Campbell	999-99-12-271.02	Sanitary
	DOWNIE ROBERT E & PAIGE L	337 RIVER RD	Campbell	999-99-12-271.03	Sanitary
	HESTER NEAL M & AMANDA M	341 RIVER RD	Campbell	999-99-13-039.07	Sanitary
	HESTER NEAL M & AMANDA M	58 BRENTWOOD PL	Campbell	999-99-15-528.00	Sanitary
JOYCE ANN LANE	GREGORY & RHONDA HULL	323 PEGGY ANN LN, ALEXANDRIA	Campbell	999-99-26-545.00	Sanitary
	JOHN & GAIL JEWELL	325 PEGGY ANN LN, ALEXANDRIA	Campbell	999-99-25-213.00	Sanitary
	THOMAS HEIM	332 PEGGY ANN LN, ALEXANDRIA	Campbell	999-99-24-502.00	Sanitary
	JACOB KOHLS	333 PEGGY ANN LN, ALEXANDRIA	Campbell	999-99-23-996.00	Sanitary
	TIMOTHY & STEPHANIE SNOW	3712 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-24-806.00	Sanitary
	THOMAS LUTKENHOFF	3714 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-25-599.00	Sanitary
	CHARLES & CAROL SHANKS	3718 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-26-505.00	Sanitary
	TRACY BARTH	3720 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-25-784.00	Sanitary
	JACOB KROGER	3724 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-25-437.00	Sanitary
	ROBBIE WALTERS	3726 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-24-162.00	Sanitary
	HAROLD CHANDLER	3728 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-24-510.00	Sanitary
	STEVE MAYES	3729 JOYCE ANN LN	Campbell	999-99-25-677.00	Sanitary
	KEVIN COMBS	3762 RIDGEWOOD CT, ALEXANDRIA	Campbell	999-99-24-189.00	Sanitary
	CASSANDR MCQUILLAN	3766 RIDGEWOOD CT, ALEXANDRIA	Campbell	999-99-24-820.00	Sanitary
	ANDREW GLICK	7758 RILEY RD, ALEXANDRIA	Campbell	999-99-24-115.00	Sanitary
	HH&H	FOUR MILE RD, ALEXANDRIA	Campbell	999-99-27-741.00	Sanitary
	KY TRANSPORTATION CABINET	FOUR MILE RD, ALEXANDRIA	Campbell	999-99-32-676.00	Sanitary
LICKING RIVER TUNNEL/EQ SOLUTION	COVINGTON CITY OF	9TH ST E	Kenton	054-23-28-001.00	Sanitary
	KY TRANSPORTATION CABINET	W 6TH ST	Campbell	999-99-00-987.01	Sanitary
	COVINGTON CITY OF	1020 PROSPECT ST	Kenton	054-42-07-012.00	Sanitary
	KING KITTS CONST LLC & DUKE ENERGY KENTUCKY INC	1026-28 PROSPECT ST	Kenton	054-42-07-011.00	Sanitary
	DUKE ENERGY KENTUCKY INC	2226 OAKLAND AVE	Kenton	055-41-14-006.02	Sanitary
	DUKE ENERGY KENTUCKY INC	2228 OAKLAND AVE	Kenton	055-41-13-001.01	Sanitary
	COVINGTON CITY OF	2231-39 OAKLAND AVE	Kenton	055-41-12-024.02	Sanitary
	COVINGTON CITY OF	2234-42 EASTERN AVE	Kenton	055-41-14-007.00	Sanitary
	COVINGTON CITY OF	2244 EASTERN AVE	Kenton	055-41-14-006.00	Sanitary
	COVINGTON CITY OF	2330-32 EASTERN AVE	Kenton	055-41-14-006.01	Sanitary
	COVINGTON INDEPENDENT SCHOOL	2718 JAMES AVE	Kenton	055-42-10-001.00	Sanitary
	COVINGTON CITY OF	502 LEVASSOR PL	Kenton	055-41-14-001.01	Sanitary
	MCDONALD KEVIN BRADLEY & ABNEY JEREMIAH J	504 LEVASSOR PL	Kenton	055-41-14-001.00	Sanitary
	BURWICK KENDALL A & KERN RICHARD & SARA	506 LEVASSOR PL	Kenton	055-41-14-002.00	Sanitary
	COVINGTON CITY OF	508 LEVASSOR PL	Kenton	055-41-14-003.00	Sanitary
	BONACCOLTO BRANDON	516 LEVASSOR PL	Kenton	055-41-14-010.01	Sanitary
	COVINGTON CITY OF	619 WALLACE AVE	Kenton	055-32-33-025.00	Sanitary
	SELLS KELLY	701 18TH ST E	Kenton	055-32-27-004.00	Sanitary
	WESTBANK PROPERTIES LLC	734 GARRARD ST	Kenton	054-23-27-001.00	Sanitary
	COVINGTON CITY OF	734 GARRARD ST	Kenton	054-23-27-002.00	Sanitary
	COVINGTON CITY OF	801 16TH ST E	Kenton	055-31-00-001.00	Sanitary
	COVINGTON CITY OF	802 GREENUP ST	Kenton	054-23-20-002.00	Sanitary
	COVINGTON CITY OF	902 GARRARD ST	Kenton	054-23-20-005.00	Sanitary
	BONNIE L ELLISON	MADISON PK, COVINGTON	Kenton	042-40-00-085.00	Sanitary
	VEREIT TS PORTFOLIO I LLC	1009 EATON DR	Kenton	042-40-00-004.00	Sanitary
	MORROW GRAVEL CO	1075 EATON DR	Kenton	042-40-00-003.00	Sanitary
	CP LAND LLC	1996 HIGHLAND PK	Kenton	042-20-04-005.00	Sanitary
	CHURCH & FAYE HOLDINGS	31 FAYE DR	Kenton	056-23-04-009.00	Sanitary
	MOTHER OF GOD CEMETERY	3101 MADISON PIKE	Kenton	042-00-00-001.00	Sanitary
	MADISON VIEW APARTMENTS LP	3220 MADISON PK	Kenton	042-30-00-060.00	Sanitary
	COMMONWEALTH OF KY	3226 MADISON PK	Kenton	042-30-00-060.01	Sanitary
	SARGENT TERRY R & SANDRA L	3230 MADISON PK	Kenton	042-30-00-064.00	Sanitary
	FULMER TIMOTHY A	3232 MADISON PK	Kenton	042-30-00-063.00	Sanitary
	SWEENEY NICHOLAS	3234 MADISON PK	Kenton	042-30-00-062.00	Sanitary
	LANE JACK O & MYRNA A	3238 MADISON PK	Kenton	042-30-00-061.00	Sanitary
	DANNY R & NEVA J FRANCIS	3278 MADISON PK	Kenton	042-30-00-042.00	Sanitary
	COMMONWEALTH OF KY	3281 MADISON PK	Kenton	042-40-00-081.00	Sanitary
	DAVID GLENN THOMAS	3284 MADISON PK	Kenton	042-30-00-041.00	Sanitary
	DANIEL SCHLUPF	3288 MADISON PK	Kenton	042-30-00-040.00	Sanitary
	MARY ADICK	3291 MADISON PK	Kenton	042-40-00-080.00	Sanitary

KY CORRIDOR TUNNEL

3300 MADISON LLC	3300 MADISON PK	Kenton	042-30-00-037.00	Sanitary
GERRY & KATHLEEN CUNNINGHAM	3310 MADISON PK	Kenton	042-40-00-071.01	Sanitary
MIDDY I LLC	3312 MADISON PK	Kenton	042-40-00-071.00	Sanitary
MIDDY I LLC	3316 MADISON PK	Kenton	042-40-00-072.00	Sanitary
HYDEDUGOUT LLC	3319 MADISON PK	Kenton	042-40-00-079.00	Sanitary
REECE DAMER	3324 MADISON PK	Kenton	042-40-00-073.00	Sanitary
PATRICK DANIEL FAGEL	3328 MADISON PK	Kenton	042-40-00-074.00	Sanitary
HIGHLAND LLC	3333 MADISON PK	Kenton	042-40-00-078.00	Sanitary
NATU G BHAKTA	3334 MADISON PK	Kenton	042-40-00-075.01	Sanitary
NATU G BHAKTA	3338 MADISON PK	Kenton	042-40-00-075.00	Sanitary
LIES PROPERTIES ONE LLC	3339 MADISON PK	Kenton	042-40-00-078.01	Sanitary
PS SOUTHEAST ONE INC	3350 MADISON PK	Kenton	042-40-00-076.01	Sanitary
TERRAZA 7 LLC	3352 MADISON PK	Kenton	042-20-04-003.02	Sanitary
WILLIAM W & PAMELA S HAMILTON	3353 MADISON PK	Kenton	042-40-00-068.00	Sanitary
ROBERT C & PAULINE HON	3361 MADISON PK	Kenton	042-40-00-067.00	Sanitary
ROSE & MICHAEL MERITT	3363 MADISON PK	Kenton	042-40-00-070.00	Sanitary
TRANSIT AUTHORITY OF NORTHERN KY	3375 MADISON PK	Kenton	042-40-00-010.00	Sanitary
KIMBERLY GRANNEMAN	3376 MADISON PK	Kenton	042-40-00-077.00	Sanitary
FORT WRIGHT HOLDINGS LLC	3380 MADISON PK	Kenton	042-20-04-006.00	Sanitary
JRCJ REAL ESTATE LLC	3385 MADISON PK	Kenton	042-40-00-011.00	Sanitary
CP LAND LLC	3388 MADISON PK	Kenton	042-20-04-004.00	Sanitary
IWN HOLDINGS LLC	3391 MADISON PK	Kenton	042-40-00-002.03	Sanitary
AUTOZONE DEVELOPMENT LLC	3394 MADISON PK	Kenton	042-20-04-003.00	Sanitary
SPEEDWAY SUPERAMERICA LLC	3395 MADISON PK	Kenton	042-40-00-002.01	Sanitary
COMMONWEALTH OF KY	3401 MADISON PK	Kenton	042-40-00-002.09	Sanitary
UNITED DAIRY FARMERS INC	3410 MADISON PK	Kenton	042-20-00-083.05	Sanitary
FW LAND INC	3432 MADISON PK	Kenton	042-20-00-075.01	Sanitary
CFA FT WRIGHT LLC	3436 MADISON PK	Kenton	042-20-00-080.00	Sanitary
SHOPPES OF FT WRIGHT KY LLC	3445 VALLEY PLAZA PKWY	Kenton	043-00-00-026.11	Sanitary
INTERPLASTIC CORP	3535-A LATONIA AVE	Kenton	056-12-00-002.00	Sanitary
SIX PLAINS LLC	4314 BORON DR	Kenton	056-20-00-059.07	Sanitary
LUDLOW FAMILY PROPERTIES LLC	4343 BORON DR	Kenton	056-20-00-065.01	Sanitary
ACTION MINISTRIES	4375 BORON DR	Kenton	056-20-00-065.02	Sanitary
RIGSBY FAMILY HOLDINGS LLC	4395 BORON DR	Kenton	056-20-00-065.00	Sanitary
JOHN & LESLIE KROGER	4716 CHURCH ST	Kenton	056-23-03-080.20	Sanitary
VONDA SLOAN	4801 CHURCH ST	Kenton	056-23-03-080.02	Sanitary
BLAKE SELLMAN	4802 CHURCH ST	Kenton	056-23-03-080.03	Sanitary
PAUL & ANGELA RHODES	4804 CHURCH ST	Kenton	056-23-03-080.04	Sanitary
LAUREN BROWN	4807 CHURCH ST	Kenton	056-23-03-080.05	Sanitary
PAUL & ANGELA RHODES	4808 CHURCH ST	Kenton	056-23-03-080.27	Sanitary
VICKI EYERMAN	4809 CHURCH ST	Kenton	056-23-03-080.06	Sanitary
KENNETH & DONNA STRINKO	4816 CHURCH ST	Kenton	056-23-03-080.08	Sanitary
KENNETH & DONNA STRINKO	4820 CHURCH ST	Kenton	056-23-03-080.09	Sanitary
PAULINE HELTON TRUSTEE	4834 CHURCH ST	Kenton	056-23-03-080.07	Sanitary
BROADSTONE BER EAST LLC	489 ORPHANAGE RD	Kenton	043-00-00-023.01	Sanitary
MICHELLE BUGEL	4902 CHURCH ST	Kenton	056-23-03-080.10	Sanitary
RONALD & FAITH BROWN	4903 CHURCH ST	Kenton	056-23-04-010.00	Sanitary
JOSEPH FORSYTH	4904 CHURCH ST	Kenton	056-23-03-080.11	Sanitary
NICHOLAS BLEHA	4905 CHURCH ST	Kenton	056-23-04-011.00	Sanitary
DAVID DOEKER	4908 CHURCH ST	Kenton	056-23-03-080.12	Sanitary
RONALD NEFF	4909 CHURCH ST	Kenton	056-23-04-012.00	Sanitary
MICHAEL & CAROL MAXWELL	4910 CHURCH ST	Kenton	056-23-03-080.13	Sanitary
TED & BONNIE WILHAM	4911 CHURCH ST	Kenton	056-23-04-013.00	Sanitary
RICHARD & PHYLLIS MERMANN	4912 CHURCH ST	Kenton	056-23-03-080.17	Sanitary
JOHN & LINDA TURNER	4914 CHURCH ST	Kenton	056-23-03-080.18	Sanitary
EASTSIDE CHURCH OF THE NAZARENE INC	4915 CHURCH ST	Kenton	056-23-04-014.00	Sanitary
PHILIP LUCAS	4917 CHURCH ST	Kenton	056-23-04-015.00	Sanitary
RONALD STRINKO	4919 CHURCH ST	Kenton	056-23-04-016.00	Sanitary
ETHAN & LORI HATTENDORF	4920 CHURCH ST	Kenton	056-23-03-080.19	Sanitary
HENRY & PEGGY HULLEY	4922 CHURCH ST	Kenton	056-23-03-080.24	Sanitary
THERESA MOORE	4923 CHURCH ST	Kenton	056-23-04-017.00	Sanitary
NATIONAL RETAIL PROPERTIES LP	494 ORPHANAGE RD	Kenton	042-20-00-076.00	Sanitary
AB40 CORPORATION	499 ORPHANAGE RD	Kenton	043-00-00-024.00	Sanitary
DETERS COMPANY INC	499-B ORPHANAGE RD	Kenton	043-00-00-024.01	Sanitary
DUKE ENERGY KENTUCKY INC	500 BROOKS ST	Kenton	042-40-00-006.00	Sanitary
BROOKS MANAGEMENT LLC	HOWARD LITZLER RD	Kenton	056-20-00-059.09	Sanitary
SOHIO PETROLEUM CO	HOWARD LITZLER RD	Kenton	042-40-00-082.00	Sanitary
LITZLER PROPERTIES LLC	HOWARD LITZLER RD	Kenton	042-30-00-059.00	Sanitary
B P EXPLORATION & OIL CO INC	HOWARD LITZLER RD	Kenton	042-40-00-082.01	Sanitary
B P EXPLORATION & OIL CO INC	HOWARD LITZLER RD	Kenton	056-12-00-002.02	Sanitary
B P EXPLORATION & OIL CO INC	HOWARD LITZLER RD	Kenton	056-12-00-002.01	Sanitary
J & S LATONIA CENTRE KY LLC	4303 WINSTON AVE	Kenton	056-20-00-059.00	Sanitary

NEWPORT EQ

RIVERCHASE PROPERTIES LLC	200 COLUMBIA ST	Campbell	999-99-05-816.00	Sanitary
NEWPORT MUNICIPAL HOUSING	512-536 BRIGHTON ST	Campbell	999-99-35-810.02	Sanitary
HBR NEWPORT PROPERTIES	910 LOWELL ST	Campbell	999-99-03-738.00	Sanitary
NEWPORT MUNICIPAL HOUSING	BRIGHTON ST	Campbell	999-99-35-810.00	Sanitary
CITY OF NEWPORT	RIVERBOAT ROW	Campbell	999-99-38-272.00	Sanitary
T & D RENTAL LLC	526 W 6TH ST	Campbell	999-99-00-987.00	Sanitary

TAYLOR CREEK EQ

LANDMARK DRIVE LLC	103 LANDMARK DRIVE	Campbell	999-99-05-983.00	Sanitary
BELLEVUE VETS CLUB INC	24 FAIRFIELD AVE, BELLEVUE	Campbell	999-99-05-984.00	Sanitary
CITY OF BELLEVUE	25 FAIRFIELD AVE, BELLEVUE	Campbell	999-99-07-699.00	Sanitary
DR INN DR COMMONS INC	45 FAIRFIELD AVE, BELLEVUE	Campbell	999-99-33-423.00	Sanitary
90 RIVIERA HOLDINGS LLC	90 RIVIERA DR, BELLVUE	Campbell	999-99-06-602.00	Sanitary
BELLEVUE RE LLC	95 RIVIERA DR, BELLVUE	Campbell	999-99-07-594.00	Sanitary
NAHARIYA INVESTMENTS LLC	PATCHEN AVE	Campbell	999-99-05-982.09	Sanitary
BELLEVUE VETS CLUB INC	RIVIERA DR, BELLEVUE	Campbell	999-99-07-579.00	Sanitary

ROOKWOOD SSO

BARBARA ERPENBECK	3132 LOCUST HOLLOW LN	Kenton	030-30-00-321.00	Sanitary
THOMAS J SCHREIBER	100 FAIR OAKS LANE	Kenton	044-10-00-004.00	Sanitary
MARK HICKEY	1725 BULLOCK PEN RD	Kenton	044-00-00-008.00	Sanitary
MARVIN H EDWARDS	1780 BULLOCK PEN RD	Kenton	044-00-00-003.00	Sanitary
DENISE L & DENNIS J EMBRY	1811 BULLOCK PEN RD	Kenton	044-00-00-011.00	Sanitary
MICHAEL & LINDA KRUSE	1820 BULLOCK PEN RD	Kenton	044-00-00-009.00	Sanitary
JEREMY HUFFMAN	1840 BULLOCK PEN RD	Kenton	044-00-00-002.00	Sanitary
RICHARDSON REALTY LLC	1850 BULLOCK PEN RD	Kenton	044-00-00-013.00	Sanitary
RADALL S STORTZ	1870 BULLOCK PEN RD	Kenton	044-00-00-012.00	Sanitary
JEFF T MCCURRY	3053 BROOKWOOD CIR	Kenton	030-30-00-313.00	Sanitary
CEDRIC TOLLIVER JR	3059 BROOKWOOD CIR	Kenton	030-30-00-314.00	Sanitary
CHRISTOPHER WARD	3063 BROOKWOOD CIR	Kenton	030-30-00-315.00	Sanitary
JEROME MORGAND	3067 BROOKWOOD CIR	Kenton	030-30-00-316.00	Sanitary
RICHARD KOURY TRUSTEE	3111 LOCUST HOLLOW LN	Kenton	030-30-00-319.00	Sanitary
CHRIS & CARA BERLING	3238 RIDGETOP WAY	Kenton	030-40-02-106.00	Sanitary
MARY C SCHUTZMAN	3330 RIDGETOP WAY	Kenton	030-40-00-007.00	Sanitary
MARGARET LEE & ETHAN E MILLER	520 OAK RIDGE DR	Kenton	030-40-02-119.00	Sanitary
LAWRENCE BEITING	558 KINSELLA DR	Kenton	030-30-00-252.00	Sanitary

B

NICHOLAS & MOLLY HALE	560 KINSELLA DR	Kenton	030-30-00-253.00	Sanitary
ANDREW & ELIZABETH KRALLMAN	561 COACHLIGHT DR	Kenton	030-30-00-228.00	Sanitary
JULIE WEBSTER	562 COACHLIGHT DR	Kenton	030-30-00-227.00	Sanitary
TIMOTHY A & LISA A MACKE	562 KINSELLA DR	Kenton	030-30-00-254.00	Sanitary
CHRISTOPHER REINEKE	563 SUTTER DR	Kenton	030-30-00-198.00	Sanitary
STEVEN L & JUDITH L PETERSON	564 KINSELLA DR	Kenton	030-30-00-255.00	Sanitary
DAVID & MARCIA STEINER	564 SUTTER DR	Kenton	030-30-00-197.00	Sanitary
THOMAS J & MARY C SCHUTZMAN	567 VILLAGE DR	Kenton	030-30-00-115.00	Sanitary
CHRISTOPHER WARD	KINSELLA DR	Kenton	030-30-00-253.02	Sanitary
MARY C SCHUTZMAN	RIDGETOP WAY	Kenton	030-40-02-107.01	Sanitary
MARY C SCHUTZMAN	RIDGETOP WAY	Kenton	030-40-02-106.01	Sanitary

LRS - PHASE B

BURKS TIMOTHY J REVOCABLE TRUST	111 CAROLINA AVE	Campbell	999-99-12-761.00	Sanitary
BAUSCH KIRSTEN	114 CAROLINA AVE	Campbell	999-99-12-374.00	Sanitary
SCHNELL KAREN E & WILLIAM C REVOCABLE LI	115 CAROLINA AVE	Campbell	999-99-16-314.00	Sanitary
HEMMERLE ANDREW	118 CAROLINA AVE	Campbell	999-99-13-056.00	Sanitary
HUENEFELD MICHELLE DENISE	17 PATERSON PL	Campbell	999-99-12-762.00	Sanitary
ROHRER EDW G & ALMA S	25 LINDEN CT	Campbell	999-99-16-079.00	Sanitary
POMPILO JANE W	40 KATHY LN	Campbell	999-99-15-795.00	Sanitary
TAYLOR RONALD C JR & KRISTA M	45 KATHY LN	Campbell	999-99-16-852.00	Sanitary
MCCARTER CHAD	51 VERNON LN E	Campbell	999-99-17-239.00	Sanitary
GODDARD ADAM	55 VERNON LN S	Campbell	999-99-13-571.00	Sanitary
RUTLEDGE ERICA	59 VERNON LN S	Campbell	999-99-13-585.00	Sanitary
DEMPSEY LOUIS A & UNDA S	63 VERNON LN S	Campbell	999-99-13-156.00	Sanitary
SCHMIDT RICHARD	67 VERNON LN S	Campbell	999-99-16-391.00	Sanitary
URLAGE JILL P	70 MADONNA PL	Campbell	999-99-15-155.00	Sanitary
DONOVAN JANE M	71 VERNON LN S	Campbell	999-99-13-017.00	Sanitary
HINEGARDNER CHARLES & LAURA	75 VERNON LN W	Campbell	999-99-14-487.00	Sanitary
TAYLOR RONALD C & SANDRA L	75 MADONNA PL	Campbell	999-99-16-302.00	Sanitary

EAST 36TH STREET AND PARK AVENUE - TUNNEL

INSPRUCKER MARK T	122 36TH ST E	Kenton	056-31-12-015.00	Storm
DRAKE LEIGH	204 36TH ST E	Kenton	056-31-14-007.00	Storm
DURSTOCK PAUL	207-09 36TH ST E	Kenton	056-32-13-002.00	Storm
SHELTON CRAIG W	208 36TH ST E	Kenton	056-31-14-008.00	Storm
CUTHBERT PATRICK N & JUDITH A	210 36TH ST E	Kenton	056-31-14-009.00	Storm
APPEGATE LEAH F &	211 36TH ST E	Kenton	056-32-13-003.00	Storm
HAMILTON DENNIS B CO-TRUSTEE &	214 36TH ST E	Kenton	056-31-14-010.00	Storm
BOLTON TERRY & LORA	215 36TH ST E	Kenton	056-32-13-004.00	Storm
ASHFORD RHANNON & MARIE	218 36TH ST E	Kenton	056-31-14-011.00	Storm
HIGGINS PATRICIA L	220 36TH ST E	Kenton	056-31-14-012.00	Storm
KREMER KENNETH J &	222 36TH ST E	Kenton	056-31-14-013.00	Storm
ST MARKS EVANGELICAL CHURCH	224 38TH ST E	Kenton	056-32-14-009.00	Storm
MCINTOSH MARY E &	225 SOUTHERN AVE E	Kenton	056-32-14-007.00	Storm
SCHWIER SUSAN M & DANIEL & L	301 SOUTHERN AVE E	Kenton	056-32-20-001.00	Storm
THOMPSON PHILLIP B	303 GRANT CT	Kenton	056-32-19-001.00	Storm
MILLES JAMES E & THERESE L	304 SOUTHERN AVE E	Kenton	056-32-19-012.00	Storm
HOFFMANN DANIEL R TRUSTEE &	305 SOUTHERN AVE E	Kenton	056-32-20-002.00	Storm
BUNCH EMILY TRUSTEE	306 SOUTHERN AVE E	Kenton	056-32-19-011.00	Storm
LEOPOLD THERESA ANN	309 SOUTHERN AVE E	Kenton	056-32-20-003.00	Storm
KEENE RENTALS LLC	312 SOUTHERN AVE E	Kenton	056-32-19-010.00	Storm
MCDONALD GRANT L & VICKY	314 SOUTHERN AVE E	Kenton	056-32-19-009.00	Storm
FAETH ANTHONY & MICHELLE	316 SOUTHERN AVE E	Kenton	056-32-19-008.00	Storm
SCOTT GARNETTA	318 SOUTHERN AVE E	Kenton	056-32-19-007.00	Storm
NOIL PATRICIA ANN	3501 PARK AVE	Kenton	056-31-14-013.02	Storm
NOIL PATRICIA ANN	3507 PARK AVE	Kenton	056-31-14-013.01	Storm
DIOCESE OF COVINGTON	3601-07 LINCOLN AVE	Kenton	056-32-07-002.00	Storm
SISTERS DIVINE PROVIDENCE KY	3602 LINCOLN AVE	Kenton	056-32-13-001.00	Storm
BENSON SARA	3604 PARK AVE	Kenton	056-31-15-004.00	Storm
WEHRMAN KALA	3606 PARK AVE	Kenton	056-31-15-005.00	Storm
SAMAD LENA & JACOB	3608 PARK AVE	Kenton	056-31-15-006.00	Storm
GILLHAM LISA CURTISS	3610 PARK AVE	Kenton	056-31-15-007.00	Storm
GARY ALAYNA	3611 PARK AVE	Kenton	056-32-13-005.00	Storm
FINKE AIMEE & BILLY	3612 PARK AVE	Kenton	056-31-15-008.00	Storm
GREER SHAE M	3615 PARK AVE	Kenton	056-32-13-006.00	Storm
FULLER AARON & MEGAN	3617 PARK AVE	Kenton	056-32-13-007.00	Storm
BRINKMANN ANDREA F &	3621 PARK AVE	Kenton	056-32-13-008.00	Storm
EGBERS ZACHARIAH T	3624 PARK AVE	Kenton	056-32-19-013.00	Storm
GILLHAM LISA C	3625 PARK AVE	Kenton	056-32-13-009.00	Storm
HUGE HUMAN BRAIN PROPERTIES	3702 HUNTINGTON AVE	Kenton	056-32-23-001.00	Storm
KAVANAUGH DONALD W	3708 PARK AVE	Kenton	056-32-20-052.00	Storm
WATKINS DARRELL G &	3709 PARK AVE	Kenton	056-32-14-008.00	Storm
CHRISTMAN EMILY	3710 PARK AVE	Kenton	056-32-20-051.00	Storm
HENSLEY CAROLYN	3711 PARK AVE	Kenton	056-32-14-009.03	Storm
MORENO MANUEL HAROS	3712 PARK AVE	Kenton	056-32-20-050.00	Storm
BOGGS LINDA	3713 PARK AVE	Kenton	056-32-14-009.02	Storm
SPARKS MATTHEW T &	3714 PARK AVE	Kenton	056-32-20-049.00	Storm
ST MARKS UNITED CHURCH OF	3715 PARK AVE	Kenton	056-32-14-009.01	Storm
ANTROBUS DENISE	3716 PARK AVE	Kenton	056-32-20-048.00	Storm
ELDIN TARA SALAH	3718 PARK AVE	Kenton	056-32-20-047.00	Storm
FRY MARIA LYNN CO-TRUSTEE &	3720 PARK AVE	Kenton	056-32-20-046.00	Storm
SMITH AMBER K	3722 PARK AVE	Kenton	056-32-20-045.00	Storm
SULLIVAN RICHARD BRIAN	3800 PARK AVE	Kenton	056-32-20-044.00	Storm
HERZOG STEVEN R & JACQUELINE	3802 PARK AVE	Kenton	056-32-20-043.00	Storm
JSP PROPERTIES LLC	3803 PARK AVE	Kenton	056-32-15-006.00	Storm

RIVERPOINTE DRIVE
BASIN

TOWNE DEVELOPMENT GROUP LTD	RIVERPOINTE DR	Campbell	999-99-11-782.02	Storm
TOWNE DEVELOPMENT GROUP LTD	321 RIVERPOINTE DR	Campbell	999-99-11-782.01	Storm

DAYTON PIKE BASIN

DAYTON CITY OF	DAYTON PIKE	Campbell	999-99-11-982.00	Storm
RECORD HOWARD R	110 DAYTON PIKE	Campbell	999-99-09-821.00	Storm
BECKER LAWRENCE & CAROL A	114 DAYTON PIKE	Campbell	999-99-08-474.00	Storm
WEBER GLORIA J	116 DAYTON PIKE	Campbell	999-99-10-281.00	Storm
CLIFTON TROY	120 DAYTON PIKE	Campbell	999-99-09-721.00	Storm

GRANT PARK
DEVELOPMENT BASINS

GRANT PARK COMMUNITY ASSOCIATION INC	GRANT PARK DR	Campbell	999-99-08-702.77	Storm
GRANT PARK COMMUNITY ASSOCIATION INC	GRANT PARK DR	Campbell	999-99-08-702.00	Storm
HUNDEMER JESSICA	1029 MAPLE AVE	Campbell	999-99-08-440.00	Storm
FAIRVIEW RIDGE LINE LLC	1282 LOCUST AVE	Campbell	999-99-08-494.04	Storm

ASHLAND AVE BAPTIST CHURCH INC	2727-35 ASHLAND AVE	Kenton	056-11-06-009.00	Storm
RYLAND PROPERTIES LLC	2761 ALEXANDRIA AVE	Kenton	056-11-02-024.00	Storm
CUSICK INVESTMENT PROPERTIES	2762 ALEXANDRIA AVE	Kenton	056-11-05-019.00	Storm
MARTINI FAITH	2763 MELTON AVE	Kenton	056-11-05-017.00	Storm

JAMES AVENUE BASIN 1 - TANKS

CUTRIGHT SETH OWEN	2764 ALEXANDRIA AVE	Kenton	056-11-05-018.00	Storm
BLACKBURN CALEB S	2764 DAKOTA AVE	Kenton	056-11-02-027.00	Storm
FOLTZ STEPHEN A	2764 LATONIA AVE	Kenton	056-11-01-029.00	Storm
CHILDRESS MICHAEL J	2765 ALEXANDRIA AVE	Kenton	056-11-02-025.00	Storm
PERKINS BRAD	2765 DAKOTA AVE	Kenton	056-11-01-028.00	Storm
MCGOHAN WILLIAM M &	2765 DAKOTA AVE	Kenton	056-11-02-026.00	Storm
SCHRAGE STEPHEN T	2802 LATONIA AVE	Kenton	056-11-03-001.00	Storm
ASHLAND AVE BAPTIST CHURCH INC	2806 ASHLAND AVE	Kenton	056-11-07-072.00	Storm
HEARTLAND ENTERPRISES LLC	2807 ABERDEEN AVE	Kenton	056-11-03-009.00	Storm
SALTO MAYRA	2808 ASHLAND AVE	Kenton	056-11-07-072.02	Storm
HURST THOMAS B & MARGIE	2810 ABERDEEN AVE	Kenton	056-11-06-037.00	Storm
VOGELPOHL JOHN L	2810 ASHLAND AVE	Kenton	056-11-07-071.00	Storm
MILEY STEPHEN A & KATHLEEN A	2815 ASHLAND AVE	Kenton	056-11-06-010.00	Storm
HAMILTON & HAMILTON	3017 28TH ST W	Kenton	056-11-03-008.00	Storm
MCINTYRE SYDNEY M	3019 28TH ST W	Kenton	056-11-03-007.00	Storm
HD PROPERTY DEVELOPMENT LLC	3021 28TH ST W	Kenton	056-11-03-006.00	Storm
DOUGLAS MARK E TRUSTEE	3023 28TH ST W	Kenton	056-11-03-005.00	Storm
BARCLAY BRIAN S & DARINA	3025 28TH ST W	Kenton	056-11-03-004.00	Storm
HEITZMAN LAWRENCE	3027 28TH ST W	Kenton	056-11-03-003.00	Storm
PARR CHELSEA	3029 28TH ST W	Kenton	056-11-03-002.00	Storm

JAMES AVENUE BASIN 3 - TANKS

BEAL ANGELIQUE M	INDIANA AVE	Kenton	056-11-08-007.01	Storm
COVINGTON INDEPENDENT SCHOOL	INDIANA AVE	Kenton	056-13-02-155.00	Storm
COVINGTON CITY OF	MADISON AVE	Kenton	056-11-07-083.00	Storm
HOUSING AUTHORITY OF COVINGTON	2500 BENTON RD	Kenton	055-20-00-001.00	Storm
BURGESS DENNIS & KATHERINE	2702 ROSINA AVE	Kenton	056-11-08-015.00	Storm
CIULLA JR GARY WAYNE	2707 INDIANA AVE	Kenton	056-11-08-010.00	Storm
KARLSON CHRISTIE ANN	2709 INDIANA AVE	Kenton	056-11-08-009.00	Storm
ASHCRAFT RUSSELL E &	2710-12 INDIANA AVE	Kenton	056-13-02-164.00	Storm
CUMMINS DONNIE L & JOYCE ANN	2715 INDIANA AVE	Kenton	056-11-08-008.00	Storm
ASHCRAFT CAROL TRUSTEE	2716 INDIANA AVE	Kenton	056-13-02-163.00	Storm
BEAL ANGELOQUE M	2717 INDIANA AVE	Kenton	056-11-08-007.00	Storm
GARCIA RICARDO M &	2718 INDIANA AVE	Kenton	056-13-02-162.00	Storm
HALL MISTY L	2720 INDIANA AVE	Kenton	056-13-02-161.00	Storm
LIAN DONGYING	2721 INDIANA AVE	Kenton	056-11-08-006.00	Storm
BAWDWIN GERALD L &	2723 INDIANA AVE	Kenton	056-11-08-005.00	Storm
GRIFFIS VIVIAN L	2723-29 BIRCH AVE	Kenton	056-13-02-023.00	Storm
KLING RICHARD B & GLADYS P	2724 INDIANA AVE	Kenton	056-13-02-160.00	Storm
UNDERHILL SHANE JOSEPH	2725 INDIANA AVE	Kenton	056-11-08-004.00	Storm
MARKSBERRY WALTER E & MARILYN	2726 INDIANA AVE	Kenton	056-13-02-159.00	Storm
STINSON JACOB R	2727 INDIANA AVE	Kenton	056-11-08-003.00	Storm
DEMOSS CATHERINE A	2729 INDIANA AVE	Kenton	056-11-08-002.00	Storm
CORMAN LAWRENCE & MARITA	2730 INDIANA AVE	Kenton	056-13-02-158.00	Storm
RUESENBERG LEONARD D & FRANCES	2731-37 INDIANA AVE	Kenton	056-11-08-001.00	Storm
STEFFEN LINDA A &	2732 INDIANA AVE	Kenton	056-13-02-157.00	Storm
WRIGHT WILLIAM H & KATHY L	2734 IOWA AVE	Kenton	056-13-02-019.00	Storm
BURNETTE ROBERT V & ALMA L	2734-35 INDIANA AVE	Kenton	056-13-02-156.00	Storm
DOANE KRISTIN M	2736 IOWA AVE	Kenton	056-13-02-018.00	Storm
RODRIGUEZ STEVE & NIKKI	2737 IOWA AVE	Kenton	056-13-02-017.00	Storm
MEYER MARANDA E & JONATHAN M	2801 INDIANA AVE	Kenton	056-13-01-001.00	Storm
HALL KELLI M & JOE R	2803 INDIANA AVE	Kenton	056-13-01-002.00	Storm
LOGAN JIM & VIRGIE	2805 INDIANA AVE	Kenton	056-13-01-003.00	Storm
COFFMAN CADEN J	2807 INDIANA AVE	Kenton	056-13-01-004.00	Storm
GRIFFITH KELLIE	2810 INDIANA AVE	Kenton	056-13-02-154.00	Storm
ECKERLE PAULA SUZANNE	2812 INDIANA AVE	Kenton	056-13-02-153.00	Storm
FOUST GLESON E & SHIRLEY	2814 INDIANA AVE	Kenton	056-13-02-152.00	Storm
WEBSTER KIMBERLEY SUE	2816 INDIANA AVE	Kenton	056-13-02-151.00	Storm
JAROS JUSTIN K	2818 INDIANA AVE	Kenton	056-13-02-150.00	Storm
CLARK JEFFERY R	2911 MADISON AVE	Kenton	056-13-02-001.00	Storm
BRESSLER LINDA M	2923 MADISON AVE	Kenton	056-11-08-011.00	Storm
KING JAMES P & CHRISTINA L	2925 MADISON AVE	Kenton	056-11-08-012.00	Storm
HERRERA JANIS K	2927 MADISON AVE	Kenton	056-11-08-013.00	Storm
JODI PROPERTIES	2929 MADISON AVE	Kenton	056-11-08-014.00	Storm
RODRIGUEZ TINA MARIE &	2939-41 MADISON AVE	Kenton	056-11-07-007.00	Storm
DOMINGUEZ ETELWINA LOPEZ	2943 MADISON AVE	Kenton	056-11-07-006.00	Storm
WOLFORD ANNA	2945 MADISON AVE	Kenton	056-11-07-005.00	Storm
JACOB BEN SHOUSHAN LLC	2947 MADISON AVE	Kenton	056-11-07-004.00	Storm
LOCKABY CHARLES P	2951 MADISON AVE	Kenton	056-11-07-003.00	Storm
SCHULTZ CARRIE I	2953 MADISON AVE	Kenton	056-11-07-002.00	Storm
CKK PROPERTIES LLC	2979 MADISON AVE	Kenton	056-11-05-007.00	Storm
PETTY II JOS FYIS & SANDRA E	2983 MADISON AVE	Kenton	056-11-05-006.00	Storm
ALLEN MARGARET &	2985 MADISON AVE	Kenton	056-11-05-005.00	Storm
ARLINGHAUS CONTRACTING LLC	2989 MADISON AVE	Kenton	056-11-05-004.00	Storm
BRASCH JAMES A & AMY F	3097 BEECH AVE	Kenton	056-13-02-096.00	Storm
MCDONNELL NATHANIEL & SHANNON	3098 BEECH AVE	Kenton	056-13-02-095.00	Storm
BAMBERGER VICKI BRASCH &	3099 BEECH AVE	Kenton	056-13-02-097.00	Storm
RUNGE SHARON	3100 BEECH AVE	Kenton	056-13-02-094.00	Storm
SOWARD LAURA	3104 BEECH AVE	Kenton	056-13-02-092.00	Storm
ROSE III WILLIAM W	3105 BEECH AVE	Kenton	056-13-02-098.00	Storm
SALCHU CLAYTON	3106 BEECH AVE	Kenton	056-13-02-091.00	Storm
SCHWORER VONNIE	3108 BEECH AVE	Kenton	056-13-02-090.00	Storm
GRIFFIN DICEY	3110 BEECH AVE	Kenton	056-13-02-089.00	Storm
HILES D SCOTT	3111 BEECH AVE	Kenton	056-13-02-099.00	Storm
MIDDLETON JAMES	3112 BEECH AVE	Kenton	056-13-02-088.00	Storm
PELFREY TERRY L & ANNA M	3113 BEECH AVE	Kenton	056-13-02-100.00	Storm
RENGERING NICHOLAS & TINA	3114 BEECH AVE	Kenton	056-13-02-087.00	Storm
GOVAN SHAFONZ	3115 BEECH AVE	Kenton	056-13-02-101.00	Storm
ARIAN SILVA	3115-5 BEECH AVE	Kenton	056-13-02-101.01	Storm
NWOBIS ROSELINE OYIBOKA	3116 BEECH AVE	Kenton	056-13-02-086.00	Storm
SMITH ASHLEY D	3117 BEECH AVE	Kenton	056-13-02-102.00	Storm
HERALD LAURA	3118 BEECH AVE	Kenton	056-13-02-085.00	Storm
HICKS NATALIE SUE	3119 BEECH AVE	Kenton	056-13-02-103.00	Storm
WILLIAMS TRICIA	3120 BEECH AVE	Kenton	056-13-02-084.00	Storm
KLEIN CHRISTOPHER J &	3121 BEECH AVE	Kenton	056-13-02-104.00	Storm
LUCARELLI PETER D & SHANNON N	3121 CLIFFORD AVE	Kenton	056-13-01-006.00	Storm
SHELTON ADAM RAY TRUSTEE	3122 BEECH AVE	Kenton	056-13-02-083.00	Storm
JONES JEFFERY L	3123 BEECH AVE	Kenton	056-13-02-105.00	Storm
SCHAFER ROBERT J & JENNIFER	3123 CLIFFORD AVE	Kenton	056-13-01-007.00	Storm
ADAIR ROACHELLE	3124 BEECH AVE	Kenton	056-13-02-082.00	Storm
LUCAS MARY D	3124 CLIFFORD AVE	Kenton	056-13-02-149.00	Storm
BOHMAN MATTHEW G	3125 BEECH AVE	Kenton	056-13-02-106.00	Storm
LEITH RYAN	3125 CLIFFORD AVE	Kenton	056-13-01-008.00	Storm
LUCKETT MATTHEW & LATONIA	3126 CLIFFORD AVE	Kenton	056-13-02-148.00	Storm

ANDERSON NORMA JEAN	3127 CLIFFORD AVE	Kenton	056-13-01-009.00	Storm
MOORE JUSTIN &	3128 CLIFFORD AVE	Kenton	056-13-02-147.00	Storm
STEFFEN CLAIBORNE J	3129 CLIFFORD AVE	Kenton	056-13-01-010.00	Storm
DUGGER DORIS	3130 CLIFFORD AVE	Kenton	056-13-02-146.00	Storm
ZETKO TERESA L & ANTHONY P	3132 CLIFFORD AVE	Kenton	056-13-02-145.00	Storm
POOLE II JOSEPH E &	3133 CLIFFORD AVE	Kenton	056-13-01-011.00	Storm
LOWRY CELINE A & KRAMER FRANK	3134 CLIFFORD AVE	Kenton	056-13-02-144.00	Storm
CLARK JEFF &	3135 CLIFFORD AVE	Kenton	056-13-01-012.00	Storm
TAYLOR MARK & HARCORN PEGGY A	3137 CLIFFORD AVE	Kenton	056-13-01-013.00	Storm
WEHRMEYER DOROTHY R	3138 CLIFFORD AVE	Kenton	056-13-02-143.00	Storm
HUTH MIRINDA M	3139 CLIFFORD AVE	Kenton	056-13-01-014.00	Storm
FISK RICKY & LINDA	3140 CLIFFORD AVE	Kenton	056-13-02-142.00	Storm
BEDINGHAUS MICHAEL & MARY D	3141 CLIFFORD AVE	Kenton	056-13-01-015.00	Storm
PRUSS JACOB ALAN	3142 CLIFFORD AVE	Kenton	056-13-02-141.00	Storm

JAMES AVENUE BASIN 5 - TANKS

KNOX DEBORAH	10 38TH ST E	Kenton	055-42-02-009.00	Storm
RAZAN PROPERTY LLC	102-12 30TH ST E	Kenton	055-42-04-011.03	Storm
FORD CHARLES R	103 30TH ST E	Kenton	056-31-07-011.00	Storm
NORTHERN LIGHTS PROPERTIES LLP	105 30TH ST E	Kenton	056-31-07-010.00	Storm
GROH WILLIAM R & DIAN M	109 30TH ST E	Kenton	056-31-07-009.00	Storm
DUNAWAY KATRINA A	111 30TH ST E	Kenton	056-31-07-008.00	Storm
RAZAN PROPERTY LLC	112 30TH ST E	Kenton	055-42-04-011.02	Storm
JSP PROPERTIES LLC	113 30TH ST E	Kenton	056-31-07-007.00	Storm
RAZAN PROPERTY LLC	114 30TH ST E	Kenton	055-42-04-010.00	Storm
CONRAD DON & CONRAD SELMA M &	115 29TH ST E	Kenton	055-42-04-008.00	Storm
RYAN JUSTIN	115 30TH ST E	Kenton	056-31-07-006.00	Storm
EVERSOLE TRACEY	116-24 31ST ST E	Kenton	056-31-07-019.00	Storm
CONRAD DON & CONRAD SELMA M &	117 29TH ST E	Kenton	055-42-04-008.01	Storm
CY DENVER LLC	117 30TH ST E	Kenton	056-31-07-005.00	Storm
MEIROVICI RICKY	119 30TH ST E	Kenton	056-31-07-004.00	Storm
KENTUCKY BUGS LLC	120-22 30TH ST E	Kenton	055-42-04-009.00	Storm
NOLL JOHN W & LYNNIE	121 30TH ST E	Kenton	056-31-07-003.00	Storm
EVERSOLE TRACEY	121-23 31ST ST E	Kenton	056-31-08-002.00	Storm
ADVANTAGE BANK	123-25 30TH ST E	Kenton	056-31-07-001.00	Storm
SWISHER EMILY K &	133 29TH ST E	Kenton	055-42-04-007.00	Storm
GSE INC.	14-16 30TH ST E	Kenton	055-42-04-011.00	Storm
HAUSER ALICE	18 28TH ST E	Kenton	055-42-02-010.00	Storm
BOLTON GARY L & MICHELLE R	19-23 28TH ST E	Kenton	055-42-03-005.00	Storm
PANGALLO MARY	2 28TH ST E	Kenton	055-42-02-006.00	Storm
KUECHLER MATTIE L	20-24 29TH ST E	Kenton	055-42-03-009.00	Storm
UNKNOWN OWNER	25 28TH ST E	Kenton	055-42-03-006.00	Storm
BOLTON GARY L & MICHELLE R	27 28TH ST E	Kenton	055-42-03-007.00	Storm
MASTIN TYLER	3001 FRAZIER ST	Kenton	056-31-01-005.00	Storm
MARSHALL REGINA	3002 FRAZIER ST	Kenton	056-31-07-012.00	Storm
LUNDENSHMIDT LAURA	32-34 29TH ST E	Kenton	055-42-03-008.00	Storm
JESSE CONSULTING LLC	4 28TH ST E	Kenton	055-42-02-007.00	Storm
BREWER JESSE TRUSTEE	45294 28TH ST E	Kenton	055-42-03-001.00	Storm
GSE INC	45334 30TH ST E	Kenton	055-42-04-011.01	Storm
WAGNER CALEB J	5 28TH ST E	Kenton	055-42-03-002.00	Storm
VINEBROOK HOMES BORROWER 1 LLC	6 28TH ST E	Kenton	055-42-02-008.00	Storm
MERCER EDNA R &	7 28TH ST E	Kenton	055-42-03-003.00	Storm
KUECHLER MATTIE L	9 28TH ST E	Kenton	055-42-03-004.00	Storm

TWIN OAKS GOLF COURSE BASIN - TUNNEL

SIPPLE R MICHAEL & SUSAN M	38TH ST E	Kenton	056-34-03-001.00	Storm
WARKEN LINDSEY	3614 GLENN AVE	Kenton	056-32-26-015.00	Storm
MILLER JR JEFF W	3614 MYRTLE AVE	Kenton	056-34-01-010.00	Storm
BATSON BILLY BOB TRUSTEE	3615 GLENN AVE	Kenton	056-32-24-007.00	Storm
DAILEY BRETT & JESSICA	3617 MYRTLE AVE	Kenton	056-32-26-013.00	Storm
FARMER RICHARD J & EARLINE	3802 LESLIE AVE	Kenton	056-34-05-001.00	Storm
JAMES MATTHEW D	3802 TRACY AVE	Kenton	056-34-04-001.00	Storm
HARPER TERRI	3804 TRACY AVE	Kenton	056-34-04-015.00	Storm
BROWN CHRISTIAN A	3806 TRACY AVE	Kenton	056-34-04-014.00	Storm
KIRKMAN WILLIAM A & KIMBERLEY	3807 LESLIE AVE	Kenton	056-34-04-003.00	Storm
MCKEAN II JAMES E & PRISCILA	3808 TRACY AVE	Kenton	056-34-04-013.00	Storm
BROWNING FLORENTINE	3809-13 TRACY AVE	Kenton	056-34-03-003.00	Storm
KELLER STEVEN D	3817 TRACY AVE	Kenton	056-34-03-004.01	Storm
APPELMAN PROPERTIES LLC	3830 GLENN AVE	Kenton	056-32-28-009.00	Storm
WILSON STEVEN E	3833 GLENN AVE	Kenton	056-32-25-024.00	Storm
WOLLEN BRANDY C	3834 GLENN AVE	Kenton	056-32-28-010.11	Storm
BIGGS JESTON E	3837 GLENN AVE	Kenton	056-32-25-025.00	Storm
GLACKEN LUELLA K	3901 GLENN AVE	Kenton	056-32-25-026.00	Storm
CAIN MATILDA R	3901 TRACY AVE	Kenton	056-34-07-011.00	Storm
MENSER JEANETTE R	3902 GLENN AVE	Kenton	056-34-06-008.00	Storm
MONTGOMERY ELISE D	3902 TRACY AVE	Kenton	056-34-08-010.00	Storm
ADAMS SENA J	411 SOUTHERN AVE E	Kenton	056-32-25-003.00	Storm
JSP PROPERTIES LLC	413 SOUTHERN AVE E	Kenton	056-32-27-011.00	Storm
BLACK LOUIS	414 EARLE AVE	Kenton	056-34-03-005.00	Storm
SILER JUDY C	415 SOUTHERN AVE E	Kenton	056-32-27-010.00	Storm
FERRARA GARRETT D & MAGGIE	417 SOUTHERN AVE E	Kenton	056-32-27-009.00	Storm
BOWKAMP DAVID MATTHEW	418 SOUTHERN AVE E	Kenton	056-32-26-015.00	Storm
GLENN AMANDA	419 SOUTHERN AVE E	Kenton	056-32-27-008.00	Storm
ABELING MEGAN	420 SOUTHERN AVE E	Kenton	056-32-26-014.00	Storm
KITCHEN MOLLY &	421 SOUTHERN AVE E	Kenton	056-32-27-007.00	Storm
HAYES HAROLD D & MAE	423 SOUTHERN AVE E	Kenton	056-32-27-006.00	Storm
MCMILLIN KOREY A	425 SOUTHERN AVE E	Kenton	056-32-27-005.00	Storm
HINES JEREMIAH J & BROOKE K	501 SOUTHERN AVE E	Kenton	056-32-27-004.00	Storm
NELSON BRAYDEN	502 EARLE AVE	Kenton	056-34-04-012.00	Storm
LYKINS JAMIE & AMBER	598 38TH ST E	Kenton	056-34-02-005.00	Storm
GROOMS TONYA	600 38TH ST E	Kenton	056-34-02-004.00	Storm
JORDAN WILLIAM CARROLL	602 38TH ST E	Kenton	056-34-02-003.00	Storm
HARVEY MADISON LYNN	604 38TH ST E	Kenton	056-34-02-002.00	Storm
MILLER JEFF W &	606 38TH ST E	Kenton	056-34-02-001.00	Storm

PACKING UNLIMITED
BASIN

JOSHUA RAMOS	2426 WARREN ST	Kenton	055-23-09-031.00	Storm
JAMES BYRNE	2427 HERMAN ST	Kenton	055-23-09-013.00	Storm
ROCHELLE MOORE	2427 WARREN ST	Kenton	055-23-05-008.00	Storm
ANNA GREEN	2428 WARREN ST	Kenton	055-23-09-030.00	Storm
LESLIE JOINER	2429 WARREN ST	Kenton	055-23-05-009.00	Storm
DEBRA PADGETT	2431 HERMAN ST	Kenton	055-23-09-014.00	Storm
RONALD W & BETTY JO MOORE	2433 HERMAN ST	Kenton	055-23-11-020.00	Storm

SCHAWNE H THOMAS & SHARON	153 21ST ST W	Kenton	055-14-08-006.00	Storm
STANTON HOMES LLC	201 21ST ST W	Kenton	055-23-02-017.00	Storm

22ND AND RUSSEL

JESSE CONSULTING LLC	2021-25 RUSSELL ST	Kenton	055-14-04-020.01	Storm
CCGP LLC	2028 RUSSELL ST	Kenton	055-14-06-030.01	Storm
TRINITY FINANCIAL SERVICES LLC	206-08 22ND ST W	Kenton	055-23-02-041.00	Storm
NEY CONNOR PATRICK	210 22ND ST W	Kenton	055-23-02-024.00	Storm
GUERRERO FLORINA	2105 RUSSELL ST	Kenton	055-23-02-018.00	Storm
CUPP DAVID J	2107 RUSSELL ST	Kenton	055-23-02-019.00	Storm
NEW SONYA R	2109 RUSSELL ST	Kenton	055-23-02-020.00	Storm
TURNER DORA & KENNETH	2111 RUSSELL ST	Kenton	055-23-02-021.00	Storm
SALMONS JR DAVID WAYNE	2113 RUSSELL ST	Kenton	055-23-02-022.00	Storm
FITZWATER DARBRA L	2115 RUSSELL ST	Kenton	055-23-02-023.00	Storm
SAFEGUARD MANAGEMENT LLC	212 22ND ST W	Kenton	055-23-02-025.00	Storm
HOMES BY HOUSE LLC	2122 HOWELL ST	Kenton	055-23-02-034.00	Storm
BRUSMAN CHRISTOPHER W	214 22ND ST W	Kenton	055-23-02-026.00	Storm
DIAMOND SHIRA	2202 HOWELL ST	Kenton	055-23-07-006.00	Storm
SEBASTIAN ADAM C	2203 HOWELL ST	Kenton	055-23-03-005.00	Storm
STRONGHAVEN INCORPORATED	2218 AUGUSTINE ST	Kenton	055-23-00-001.00	Storm
YORK EDWARD & JACQUELINE	304 22ND ST W	Kenton	055-23-02-028.00	Storm
EIFERT DAVID L	308 22ND ST W	Kenton	055-23-02-029.00	Storm
NICKERSON NATHAN	312 22ND ST W	Kenton	055-23-02-030.00	Storm
HILTIBRAND JEAN	316 22ND ST W	Kenton	055-23-02-031.00	Storm
FORD MICHAEL A & MARILYN	317 22ND ST W	Kenton	055-23-07-002.00	Storm
SALLEE MARK	319 22ND ST W	Kenton	055-23-07-003.00	Storm
LOCKABY CHARLES P & RHONDA	321 22ND ST W	Kenton	055-23-07-004.00	Storm
VIL PROPERTIES LLC	323 22ND ST W	Kenton	055-23-07-005.00	Storm
BROWN DEREK B	324 22ND ST W	Kenton	055-23-02-032.00	Storm
GREEN MOUNTAIN CAPITAL LLC	326 22ND ST W	Kenton	055-23-02-033.00	Storm
BUMPTON MGMT LLC	402 22ND ST W	Kenton	055-21-03-034.00	Storm

19TH & GLENWAY - TANKS

COVINGTON INDEPENDENT SCHOOL	MARYLAND AVE	Kenton	055-32-10-012.01	Storm
DUNN THOMAS & MARY	MARYLAND AVE	Kenton	055-32-12-001.00	Storm
SMITH SR STEPHEN A TRUSTEE	109 19TH ST E	Kenton	055-14-25-002.00	Storm
HAGAN AMANDA L	111 19TH ST E	Kenton	055-14-25-003.00	Storm
SCHROEDER MEGHAN	119-23 19TH ST E	Kenton	055-14-26-001.00	Storm
PATTEN ROSS T	1735 EASTERN AVE	Kenton	055-32-14-006.00	Storm
WILSON CAROL M	1736 EASTERN AVE	Kenton	055-32-18-007.00	Storm
ODDSON LEAH & DONALD N	1802 EASTERN AVE	Kenton	055-32-19-001.00	Storm
SECURED DEVELOPMENT LLC	1803 EASTERN AVE	Kenton	055-32-15-001.00	Storm
KNOWLTON AIMEE	1806 OAKLAND AVE	Kenton	055-32-27-018.00	Storm
KM PROPERTY LLC	1808 OAKLAND AVE	Kenton	055-32-27-019.00	Storm
ECHERVEL CHACHI &	1815 EASTERN AVE	Kenton	055-32-15-005.00	Storm
SVS HOME IMPROVEMENTS &	1828 GARRARD ST	Kenton	055-32-10-014.00	Storm
ABRAHAM SIMRET H TRUSTEE	1829 GARRARD ST	Kenton	055-32-02-023.00	Storm
BORKENHAGEN GREGORY P	1830 SCOTT ST	Kenton	055-14-74-021.00	Storm
HERNANDEZ JUVENTINO	1835 SCOTT ST	Kenton	055-14-19-002.00	Storm
BW PROPERTIES LLC	1837 SCOTT ST	Kenton	055-14-19-003.00	Storm
JACOB BEN SHOUSHAN LLC	1900 GREENUP ST	Kenton	055-32-03-001.00	Storm
AMOS BREWER COMPANIES LLC	1900-02 GARRARD ST	Kenton	055-32-11-001.00	Storm
SALAHAH JABBAR A	1901 DENVER ST	Kenton	055-32-11-002.00	Storm
MORRIS JR ROGER R	1901 EASTERN AVE	Kenton	055-32-16-005.00	Storm
MCINTOSH JOSHUA AARON &	1901 GARRARD ST	Kenton	055-32-03-005.00	Storm
STRADYMAN RICHARD D &	1901 GREENUP ST	Kenton	055-14-26-002.00	Storm
SHINING STARS LLC	1901 SCOTT ST	Kenton	055-14-19-004.00	Storm
LUPER BRIAN CONLIE &	1902 SCOTT ST	Kenton	055-14-25-001.00	Storm
LICKING RIVER CAFE LLC	1902-04 EASTERN AVE	Kenton	055-32-20-001.00	Storm
LEWINSKI EMILY MARIE	1904 SCOTT ST	Kenton	055-14-25-028.00	Storm
FUSON M JEANELLE	218 19TH ST E	Kenton	055-32-02-027.00	Storm
FUSON KELLY	220 19TH ST E	Kenton	055-32-02-026.00	Storm
OLVERA-VANCINI SERGIO & DAWN M	222 19TH ST E	Kenton	055-32-02-025.00	Storm
DEMING DORIS M & ROBERT C	224 19TH ST E	Kenton	055-32-02-024.00	Storm
SPALDING RENOVATION &	225 19TH ST E	Kenton	055-32-03-004.00	Storm
ARENAS SERGIO	312 19TH ST E	Kenton	055-32-10-013.00	Storm
COVINGTON INDEPENDENT SCHOOL	314-34 19TH ST E	Kenton	055-32-10-012.00	Storm
BOYLE JOSEPH A & MARY C	328 DELMAR PL	Kenton	055-32-12-008.00	Storm
RESING REMODELING LLC	330 DELMAR PL	Kenton	055-32-12-007.00	Storm
GLASS ROBERT	332 DELMAR PL	Kenton	055-32-12-006.00	Storm
PEACE RONNIE L & NORMA	342 18TH ST E	Kenton	055-32-09-004.00	Storm
LEE MATTHEW & LEE TOSHA	401 19TH ST E	Kenton	055-32-15-001.00	Storm
KRATZER MIRANDA P	402 18TH ST E	Kenton	055-32-14-014.00	Storm
CAMPBELL JEFFREY	404 18TH ST E	Kenton	055-32-14-013.00	Storm
COVINGTON INDEPENDENT SCHOOL	404 19TH ST E	Kenton	055-32-15-007.00	Storm
SMITH MATTHEW	405 19TH ST E	Kenton	055-32-16-002.00	Storm
LYNCH WILLIAM R	406 18TH ST E	Kenton	055-32-14-012.00	Storm
SMITH HEATHER M	407 19TH ST E	Kenton	055-32-16-003.00	Storm
STELTENPOHL ANTHONY R	408 18TH ST E	Kenton	055-32-14-011.00	Storm
JOHNSON CHARLES M & LILLIAN	409 19TH ST E	Kenton	055-32-16-004.00	Storm
WILLIAMS ROBIN &	410 18TH ST E	Kenton	055-32-14-010.00	Storm
ZAMBORSKY TAYLOR ANN	410 19TH ST E	Kenton	055-32-15-006.00	Storm
VOLPENHEIN PHILIP J & KAREN S	412 18TH ST E	Kenton	055-32-14-009.00	Storm
RINK DAVIS M	413 18TH ST E	Kenton	055-32-15-008.00	Storm
HOCKER JANELLE S	414 18TH ST E	Kenton	055-32-14-008.00	Storm
HUTTON BILLY J	416 18TH ST E	Kenton	055-32-14-007.00	Storm
LOCKABY CHARLES	509 18TH ST E	Kenton	055-32-19-002.00	Storm
GARCIA BARBARA	509 19TH ST E	Kenton	055-32-20-002.00	Storm
KNAUL TIMOTHY	510 18TH ST E	Kenton	055-32-18-006.00	Storm
LEWIS CHRISTINA	510 19TH ST E	Kenton	055-32-19-013.00	Storm
MITCHELL ROBERT A	510 A 19TH ST E	Kenton	055-32-19-014.00	Storm
EVANS JEFFREY SCOTT &	511 18TH ST E	Kenton	055-32-19-003.00	Storm
THOMAS JOHN A	511 19TH ST E	Kenton	055-32-20-003.00	Storm
MARKSBERRY JUDITH	512 18TH ST E	Kenton	055-32-18-005.00	Storm
KESSEN II CLYDE CHRISTOPHER	513 18TH ST E	Kenton	055-32-19-004.00	Storm
ENGELMAN ALLISON R	513 19TH ST E	Kenton	055-32-20-004.00	Storm
CAMPBELL C FRANCIS	514 18TH ST E	Kenton	055-32-18-004.00	Storm
LEWIS CHRISTINA	514 19TH ST E	Kenton	055-32-19-012.00	Storm
HUELSMAN KYLE THOMAS &	515 18TH ST E	Kenton	055-32-19-005.00	Storm
BLUE DIAMOND PROPERTIES INC	515 19TH ST E	Kenton	055-32-20-005.00	Storm
COVINGTON LODGE #1	516 18TH ST E	Kenton	055-32-18-003.00	Storm
OGG YASHA M	516 19TH ST E	Kenton	055-32-19-011.00	Storm
MOELLERING JEANE L TRUSTEE	517 18TH ST E	Kenton	055-32-19-006.00	Storm
SOMMERS RYAN D	517 19TH ST E	Kenton	055-32-20-006.00	Storm
DAVIS CONOR P	519 18TH ST E	Kenton	055-32-19-007.00	Storm
BEDDIE JR PHILIP JAMES	519 19TH ST E	Kenton	055-32-20-007.00	Storm
CENTA JOANNE	520 19TH ST E	Kenton	055-32-19-010.00	Storm
BENNETT CARSON SCOTT	521 18TH ST E	Kenton	055-32-19-008.00	Storm

	POMFREY JESSICA M	521 19TH ST E	Kenton	055-32-20-008.00	Storm
	BECHTOLD WILLIAM J	522 19TH ST E	Kenton	055-32-19-009.00	Storm
	KASSELMAN SEAN D	523 19TH ST E	Kenton	055-32-20-009.00	Storm
	KLETTE RICHARD & BONNIE	601 18TH ST E	Kenton	055-32-27-017.00	Storm
	SHULL DEBBIE	602 18TH ST E	Kenton	055-32-26-013.00	Storm
	COVINGTON CITY OF	605-19 19TH ST E	Kenton	055-32-27-005.00	Storm
	METZGER CARLY	619 18TH ST E	Kenton	055-32-27-008.00	Storm
	NB HOLDINGS LLC	620 18TH ST E	Kenton	055-32-26-004.00	Storm
	RAHM III HENRY J	621 18TH ST E	Kenton	055-32-27-007.00	Storm
	TRANSITIONS INC	702 18TH ST E	Kenton	055-32-27-003.00	Storm
ALEXANDRIA PIKE	GARY AND CRYSTAL STEWART	38 WARREN CT	Campbell	999-99-15-639.00	Storm
	WHITE CARI TRUST	42 WARREN CT	Campbell	999-99-16-858.00	Storm
	COURTYARD PROPERTIES IV LLC	430 ALEXANDRIA	Campbell	999-99-15-862.00	Storm
ALEXANDRIA PIKE S.S. EXTENSION	ALEXANDRIA PIKE LLC	9626 9636 9646 ALEXANDRIA PIKE	Campbell	999-99-23-692.00	Sanitary
	BARONE DAVID T	9674 ALEXANDRIA PIKE	Campbell	999-99-23-636.00	Sanitary
	BRW PROPERTIES LLC	9722 ALEXANDRIA PIKE	Campbell	999-99-23-251.00	Sanitary
	MOCKBEE LANCE	9734 ALEXANDRIA PIKE	Campbell	999-99-22-954.00	Sanitary
	BROADUS CAPITAL INVESTMENTS LLC	9758 ALEXANDRIA PIKE	Campbell	999-99-23-573.01	Sanitary
KINSELLA	KYLE & HILDA LYONS	3033 MARYLOU CT	Kenton	030-30-00-273.00	Storm
	ERIC SCHNEIDER	3037 MARYLOU CT	Kenton	030-30-00-272.00	Storm
	MARIE HELLINGS & MEGAN CORNETT	3045 BROOKWOOD CIR	Kenton	030-30-00-311.00	Storm
	THOMAS GRADY	3049 BROOKWOOD CIR	Kenton	030-30-00-312.00	Storm
	OSBORNE JEFFREY D	561 KINSELLA DR	Kenton	030-30-00-267.00	Storm
	GOSCHKE KENT A & PAULA J	563 KINSELLA DR	Kenton	030-30-00-268.00	Storm
	TRAVERS SHAWN M & CULLEN R	565 KINSELLA DR	Kenton	030-30-00-265.00	Storm
	NICOLAS RUSSELL	566 KINSELLA DR	Kenton	030-30-00-256.00	Storm
HOWARD-ADELA	STULZ MARK A	329 HOWARD ST	Kenton	026-34-05-002.00	Storm
	STEINBORN KIMBERLY M	330 HOWARD ST	Kenton	026-34-04-011.00	Storm
	SCHWARTZ STEPHEN J	331 HOWARD ST	Kenton	026-34-05-001.00	Storm
	STULZ JR ROBERT	332 HOWARD ST	Kenton	026-34-04-012.00	Storm
1661 PARK ROAD, FT WRIGHT	BILL FINKE & SONS INC	AMSTERDAM RD	Kenton	041-10-04-038.01	Storm
	THE GROVE @ PARK ROAD CONDO	GROVE PARK DR	Kenton	041-20-00-241.01	Storm
	THE GROVE @ PARK ROAD CONDO	GROVE PARK DR	Kenton	041-20-00-241.02	Storm
	SCHULER CARL J & ANITA J	PARK RD	Kenton	041-10-06-008.01	Storm
	FISCHER ATTACHED HOMES III LLC	1183-1187 ORANGE BLOSSOM CT	Kenton	041-20-02-003.00	Storm
	DICC RENTALS LLC	1417-19 VIDOT CT	Kenton	041-10-06-001.00	Storm
	DICC RENTALS LLC	1421-23 VIDOT CT	Kenton	041-10-06-003.01	Storm
	TERLAU WILLIAM T	1428 VIDOT CT	Kenton	041-10-08-022.00	Storm
	FINKE WILLIAM G & MARILYN L	1502 AMSTERDAM RD	Kenton	041-10-04-039.00	Storm
	STORE MASTER FUNDING V LLC	1515 SLEEPY HOLLOW RD	Kenton	041-10-04-040.00	Storm
	KLAUS KAREN M & SCHULTE C LUKE	1525 AMSTERDAM RD	Kenton	041-10-06-026.00	Storm
	AMSTERDAM PROPERTIES LLC	1528-30 AMSTERDAM RD	Kenton	041-10-04-037.00	Storm
	PFLUM JOSEPH F	1601 PARK RD	Kenton	041-10-06-025.00	Storm
	GANSCHT SUSANNE D	1607 PARK RD	Kenton	041-10-06-022.00	Storm
	DRABICK ALICIA J	1609 PARK RD	Kenton	041-10-06-021.00	Storm
	ENZWEILER MITCHELL & KATHLEEN	1611 PARK RD	Kenton	041-10-06-020.00	Storm
	COLONEL ADAM L	1619 PARK RD	Kenton	041-10-06-006.00	Storm
	VEITH JOYCE H	1621 PARK RD	Kenton	041-10-06-006.01	Storm
	CHESTER JOHN W	1633-35 PARK RD	Kenton	041-10-06-028.00	Storm
	NOWLAND CLARK C	1637-39 PARK RD	Kenton	041-10-06-027.00	Storm
	BE HOLDINGS LLC	1640-42 PARK RD	Kenton	041-10-07-010.00	Storm
	STAMM LEO E & ETHEL	1647 PARK RD	Kenton	041-10-07-002.00	Storm
	SAUNDERS LARRY & VALERIE M	1651 PARK RD	Kenton	041-20-00-238.00	Storm
	BRITT CORY D	1658 PARK RD	Kenton	041-20-00-236.01	Storm
	LOOKOUT HGTS CIVIC CLUB INC	1661 PARK RD	Kenton	041-20-00-237.00	Storm
	LONNEMAN THOMAS C & PATRICIA	262-64 ST AGNES CIR	Kenton	041-10-06-004.00	Storm
	KRAMER JOHN A	266-68 ST AGNES CIR	Kenton	041-10-06-005.00	Storm
	HIGHVIEW MANAGEMENT LLC	270 ST AGNES CIR	Kenton	041-10-06-007.00	Storm
	DEMOSSE REBECA A	295 ST AGNES CIR	Kenton	041-10-07-003.00	Storm
	HANKS BARRY M & TERESA L	298 ST AGNES CIR	Kenton	041-10-06-015.00	Storm
	O'CONNOR DANIEL THOMAS &	301 BIRCHWOOD DR	Kenton	041-10-03-007.00	Storm
	CLARK AMY LYNN	301 HAZELWOOD DR	Kenton	041-10-02-009.00	Storm
	BRIDGEMAN WILLIAM & KYLIE	301 REDWOOD DR	Kenton	041-10-01-024.00	Storm
	THAMAN LEAH	302 BIRCHWOOD DR	Kenton	041-10-05-010.00	Storm
	VILLANUEVA BRADLEY JOE &	302 HAZELWOOD DR	Kenton	041-10-03-009.00	Storm
LA VENUE, FT MITCHELL	JOHNSON KEITH W & MARGARET S	11 PRINCETON AVE	Kenton	028-20-18-011.00	Storm
	QHP-FT MITCHELL LLC	11 SUNNYMEDE DR	Kenton	028-20-08-015.00	Storm
	BURNS KEVIN F & PATRICIA A	10 SUPERIOR DR	Kenton	028-40-02-025.00	Storm
	BETTIG THOMAS E & GAIL T	100 GREENBRIAR AVE	Kenton	028-30-03-014.00	Storm
	CAREY CYNTHIA S & JOHN S	11 CORNELL AVE	Kenton	028-20-00-873.00	Storm
	AYRES DAVID W & ALISSA	11 SUNNYMEDE DR	Kenton	028-20-00-758.00	Storm
	SCHULTE CARLA &	12 SUPERIOR DR	Kenton	028-40-02-026.00	Storm
	GRUNKEMEYER MATTHEW TRUSTEE &	120 SEVILLE CT	Kenton	028-10-11-055.00	Storm
	LEMKER MICHAEL C & CATHERINE T	14 SUPERIOR DR	Kenton	028-40-02-027.00	Storm
	BAUER CHRIS C & LAURA B	15 SUPERIOR DR	Kenton	028-20-00-864.00	Storm
	BUCKLEY M JOAN	16 SUPERIOR DR	Kenton	028-40-02-028.00	Storm
	TRUITT CHARLES R & ARLENE V	18 SUPERIOR DR	Kenton	028-40-00-903.00	Storm
	MILLER CATHERINE R & JOSHUA C	2 PRINCETON AVE	Kenton	028-20-19-008.00	Storm
	HILDEBRANT JASON & LEAH	20 SUPERIOR DR	Kenton	028-40-00-902.00	Storm
	DUNCAN DEREK R & ERIN	22 SUPERIOR DR	Kenton	028-40-00-901.00	Storm
	LEE ALLEN CHARLES & MARCENE	23 PLEASANT RIDGE AVE	Kenton	028-40-02-009.00	Storm
	PILLE ROBERT W & DEBORAH L	2424 DIXIE HWY	Kenton	028-40-02-021.00	Storm
	FT MITCHELL CITY OF	2450 DIXIE HWY	Kenton	028-40-03-004.00	Storm
	WARD MYRNA J	2457 DIXIE HWY	Kenton	028-40-04-020.00	Storm
	CUMMINGS MICHAEL D	2465 DIXIE HWY	Kenton	028-40-05-025.00	Storm
	4K PROPERTY HOLDINGS LLC	25 PLEASANT RIDGE AVE	Kenton	028-40-02-008.00	Storm
	HAUGHEY STEPHEN N & PATRICIA A	27 PLEASANT RIDGE AVE	Kenton	028-40-02-007.00	Storm
	VULHOP EDWARD W & VIRGINIA	29 PLEASANT RIDGE AVE	Kenton	028-40-02-006.00	Storm
	DAVIDSON ROSA TRUSTEE	3 CORNELL AVE	Kenton	028-20-19-009.00	Storm
	BRINK ROBERT H & GRACE	3 SUNNYMEDE DR	Kenton	028-20-08-014.00	Storm
	BUCKLEY RUTH M &	3 SUPERIOR DR	Kenton	028-40-03-001.00	Storm
	JOHNSON EMILY R & JAY R	30 PLEASANT RIDGE AVE	Kenton	028-40-01-046.00	Storm
	YONDER HOLDINGS LLC	31 PLEASANT RIDGE AVE	Kenton	028-40-02-005.00	Storm
	MAHONEY SEAN J &	32 PLEASANT RIDGE AVE	Kenton	028-40-01-047.00	Storm
	HILS MICHAEL J & BETH L	33 PLEASANT RIDGE AVE	Kenton	028-40-00-904.00	Storm
	HOERLEIN JOHN M & JO ANN	39 BURDSALL AVE	Kenton	028-40-01-012.00	Storm
	RENNEKAMP AMY L	4 CORNELL AVE	Kenton	028-40-03-002.00	Storm

4 CORNEL

MERTEN RANDY TRUSTEE	4 SUNNYMEDE DR	Kenton	028-20-00-872.00	Storm
MATRACIA VINCENT A & AMBER R	4 SUPERIOR DR	Kenton	028-40-02-022.00	Storm
HENDERSON BRIAN W & HEATHER	41 BURDSALL AVE	Kenton	028-40-01-011.00	Storm
MARTIN ELISABETH ANNA	43 BURDSALL AVE	Kenton	028-40-01-010.00	Storm
SMART PATRICK A & DEBORAH K	45 BURDSALL AVE	Kenton	028-40-01-009.00	Storm
WU JIN & HUANG LIHUA	48 BURDSALL AVE	Kenton	028-40-07-053.00	Storm
BERRY MARK	48A BURDSALL AVE	Kenton	028-40-07-053.01	Storm
POWELL RONALD S & KATHLEEN	49 BURDSALL AVE	Kenton	028-40-01-008.00	Storm
STEGMAN JEROME F & JOHANNA M	5 CORNELL AVE	Kenton	028-20-19-010.00	Storm
MOONEY ERIC & LAURA	5 SUNNYMEDE DR	Kenton	028-20-08-013.00	Storm
POWELL RONALD S & KATHLEEN	50-52 BURDSALL AVE	Kenton	028-40-07-054.00	Storm
SPANGLER RAY M & JUANITA	51 BURDSALL AVE	Kenton	028-40-01-007.00	Storm
HOFFMAN GEORGE R & MARGARET	54 BURDSALL AVE	Kenton	028-40-07-055.00	Storm
DALLAS JENNA M	55 THOMPSON AVE	Kenton	028-40-07-001.00	Storm
THOMPSON STAFFETT HOLDINGS LLC	56 THOMPSON AVE	Kenton	028-40-08-042.02	Storm
HORNER MARTIN R & SARAH S	57 THOMPSON AVE	Kenton	028-10-13-006.00	Storm
FT MITCHELL CITY OF	58 THOMPSON AVE	Kenton	028-10-11-001.00	Storm
ATMORE THOMAS WALDEN &	59 THOMPSON AVE	Kenton	028-10-13-005.00	Storm
PAULY ROBERT & BRENDA	6 CORNELL AVE	Kenton	028-40-03-003.00	Storm
ARLINGHAUS DONNA R & CALEB J	6 SUPERIOR DR	Kenton	028-40-02-023.00	Storm
DITTOE ROBERTA M	7 CORNELL AVE	Kenton	028-20-19-011.00	Storm
WITHROW JENNIFER L	7 SUNNYMEDE DR	Kenton	028-20-00-756.00	Storm
ARLINGHAUS ALJA & NATHAN	8 SUPERIOR DR	Kenton	028-40-02-024.00	Storm
GALLAGHER EDW L &	9 CORNELL AVE	Kenton	028-20-00-875.00	Storm
JONES ROBERT M	9 SUNNYMEDE DR	Kenton	028-20-00-757.00	Storm
HYDE CHARLES J & THERESA Q	95 GREENBRIAR AVE	Kenton	028-30-03-016.00	Storm

33 TREMONT

HOLLOWAY MARK D	106 CAROLINA AVE	Campbell	999-99-14-768.00	Storm
MCCASLIN ROBERT B	110 CAROLINA AVE	Campbell	999-99-15-163.00	Storm
MEIER PHILLIP S	13 LINDEN CT	Campbell	999-99-13-619.00	Storm
CRAWFORD KAREN E	14 CAROLINA AVE	Campbell	999-99-14-748.00	Storm
OEHLER MICHAEL D	17 LINDEN CT	Campbell	999-99-12-819.00	Storm
WILSHIRE S GORDON & KRISTINE G	18 CAROLINA AVE	Campbell	999-99-17-343.00	Storm
BULLER LIVING TRUST	2 CAROLINA AVE	Campbell	999-99-13-094.00	Storm
MARTIN DANIEL T	21 LINDEN CT	Campbell	999-99-13-583.00	Storm
GEISER JUSTIN	33 TREMONT AVE	Campbell	999-99-13-110.00	Storm
PRATHER DONALD & LINDA	34 TREMONT AVE	Campbell	999-99-13-352.00	Storm
SCHILL DANIEL M & REBECCA M	37 TREMONT AVE	Campbell	999-99-12-592.00	Storm
ROLF THOMAS ALAN	38 TREMONT AVE	Campbell	999-99-16-090.00	Storm
GREIS DONALD F & OSULLIVAN MAU	49 LINDEN AVE	Campbell	999-99-12-218.00	Storm
BARRETT LISA V	50 LINDEN AVE	Campbell	999-99-16-707.00	Storm
WARD ASHLEY L & VIRG C	56 LINDEN AVE	Campbell	999-99-17-147.00	Storm
MEYER FRANK H & ANN D	59 LINDEN AVE	Campbell	999-99-13-089.00	Storm
HUSEMAN BRIAN E & LINDA M	7 LINDEN CT	Campbell	999-99-12-279.00	Storm

CAROL DRIVE

CBD PROPERTIES LLC	5623 TAYLOR MILL RD, TAYLOR MILL	Kenton	058-40-00-133.00	Storm
THOMAS & HEATHER WILSON	5627 TAYLOR MILL RD, TAYLOR MILL	Kenton	058-40-00-001.00	Storm
MEGAN HUESER	5635 TAYLOR MILL RD, TAYLOR MILL	Kenton	058-40-00-115.00	Storm
CATCHEN HOLDING INC	5645 TAYLOR MILL RD, TAYLOR MILL	Kenton	058-40-00-129.00	Storm
BILLIE & MICHAEL GRANT	713 CAROL DR, TAYLOR MILL	Kenton	058-40-00-140.00	Storm
NICHOLAS & JILLIAN KATHMAN	715 CAROL DR, TAYLOR MILL	Kenton	058-40-00-141.00	Storm
TERRI GOSNEY	729 CAROL DR, TAYLOR MILL	Kenton	058-40-00-142.00	Storm
ASHLEY SHEARD	731 CAROL DR, TAYLOR MILL	Kenton	058-40-00-143.00	Storm
JEFFERY DURR	733 CAROL DR, TAYLOR MILL	Kenton	058-40-00-144.00	Storm
KARL & KELLY DURDEN	735 CAROL DR, TAYLOR MILL	Kenton	058-40-00-145.00	Storm

WATERWORKS -
PHASE II
(WILDCAT
OUTFALL)

KY TRANSPORTATION CABINET	1471	Campbell	999-99-33-354.00	Sanitary
BELLEVUE CITY OF	RIEMER DR	Campbell	999-99-33-425.00	Sanitary
BOARD OF EDUCATION OF BELLEVUE	TIGER LN	Campbell	999-99-37-575.00	Sanitary
JFMW ENTERPRISE LLC	10 DONNERMAYER DR	Campbell	999-99-06-504.00	Sanitary
KLEIN SAM W TRUSTEE MESNORER F	15 DONNERMAYER DR	Campbell	999-99-07-085.00	Sanitary
LAHNER DAVID G	588 WATERWORKS RD	Campbell	999-99-14-846.00	Sanitary
RECHTIN REAL ESTATE HOLDINGS LLC	640 COLFAX AVE	Campbell	999-99-07-627.00	Sanitary
AMICI PROPERTIES LLC	700 LONDON ACRES DR	Campbell	999-99-01-654.01	Sanitary

WATERWORKS PHASE III (LONDON ACRES TO WILSON)

HOGUE DAVID	1094 LORRAINE CT	Campbell	999-99-05-199.00	Sanitary
KY TRANSPORTATION CABINET	1094 LORRAINE CT	Campbell	999-99-32-940.00	Sanitary
KY TRANSPORTATION CABINET	1098 LORRAINE CT	Campbell	999-99-33-117.00	Sanitary
KY TRANSPORTATION CABINET	1101 WATERWORKS RD	Campbell	999-99-32-942.00	Sanitary
KY TRANSPORTATION CABINET	1103 WATERWORKS RD	Campbell	999-99-32-809.00	Sanitary
LIEBERMAN MICHAEL	1105 WATERWORKS RD	Campbell	999-99-01-748.00	Sanitary
GUIDUGLI GINO	1107 WATERWORKS RD	Campbell	999-99-01-540.00	Sanitary
PIERRE KAU	1109 WATERWORKS RD	Campbell	999-99-02-607.00	Sanitary
SOUTHWICK HOMES INC	1111 WATERWORKS RD	Campbell	999-99-05-854.00	Sanitary
PALOMINO PROPERTIES LLC	1113 WATERWORKS RD	Campbell	999-99-04-247.00	Sanitary
NEWPORT KY LODGE NO 2 FRATERNAL ORDER OF	1119 WATERWORKS RD	Campbell	999-99-02-855.00	Sanitary
SCHOO DONNA R	1133 WATERWORKS RD	Campbell	999-99-01-150.00	Sanitary
SCHALK DANIEL TYLER	1135 WATERWORKS RD	Campbell	999-99-04-043.00	Sanitary
STEFANOPOULOS NICOLETTE	1137 WATERWORKS RD	Campbell	999-99-01-382.00	Sanitary
WIESMAN DEBRA J	1139 WATERWORKS RD	Campbell	999-99-05-599.00	Sanitary
LEHMAN ERIC	1141 WATERWORKS RD	Campbell	999-99-03-551.00	Sanitary
DAVIS PAMELA	1143 WATERWORKS RD	Campbell	999-99-01-235.00	Sanitary
LAHNER DAVID G	1145 WATERWORKS RD	Campbell	999-99-01-076.00	Sanitary
BROWN YVONNE	1147 WATERWORKS RD	Campbell	999-99-05-459.00	Sanitary
MASTIN MICHAEL G & STEPHANY M	1149 WATERWORKS RD	Campbell	999-99-00-940.00	Sanitary
SCHUBERT ROBERT EARL	1151 WATERWORKS RD	Campbell	999-99-03-495.00	Sanitary
SARAKATSANNIS DEAN	1153 WATERWORKS RD	Campbell	999-99-04-423.00	Sanitary
FESSLER EDWARD W	1155 WATERWORKS RD	Campbell	999-99-01-586.00	Sanitary
BISHOP CHERYL L	1159 WATERWORKS RD	Campbell	999-99-00-458.00	Sanitary
BISHOP CHERYL L	1159 WATERWORKS RD	Campbell	999-99-00-457.00	Sanitary
KING ROYAL LLC	1161-1163 WATERWORKS RD	Campbell	999-99-02-630.00	Sanitary
KING ROYAL LLC	1167-1171 WATERWORKS RD	Campbell	999-99-03-800.00	Sanitary
GIESLER AMY B	1175 WATERWORKS RD	Campbell	999-99-04-060.00	Sanitary
DURBIN SUPER BOWL LLC	1209 WATERWORKS RD	Campbell	999-99-00-384.00	Sanitary
DURBIN SUPER BOWL LLC	1211 WATERWORKS RD	Campbell	999-99-05-985.00	Sanitary
WIEGAND KIRK	1217-1219 WATERWORKS RD	Campbell	999-99-03-402.00	Sanitary
GEMMER WILLIAM A	1269 WATERWORKS RD	Campbell	999-99-01-790.00	Sanitary
RILEY JACK L & PEGGY ANN	1450 WATERWORKS RD	Campbell	999-99-04-236.00	Sanitary
VICKERS RANDALL	1540 WATERWORKS RD	Campbell	999-99-05-432.00	Sanitary
VICKERS RANDAL	1542 WATERWORKS RD	Campbell	999-99-05-432.01	Sanitary
MEREMAX PROPERTIES LLC	1605 WATERWORKS RD	Campbell	999-99-05-090.00	Sanitary
LITTLE BARRY	1615 WATERWORKS RD	Campbell	999-99-03-651.00	Sanitary
PHILLIPS VIRGINIA A	1618 WATERWORKS RD	Campbell	999-99-02-623.00	Sanitary

	ANDI LYNN FLATS LLC	1631 WATERWORKS RD	Campbell	999-99-03-776.00	Sanitary
	NEWPORT HOUSING AUTHORITY	1634 WATERWORKS RD	Campbell	999-99-01-654.00	Sanitary
	JACKSON THOMAS	1641 WATERWORKS RD	Campbell	999-99-01-889.00	Sanitary
	NEWPORT CITY OF	24 WILSON RD	Campbell	999-99-32-558.00	Sanitary
	BELCHER ROBERT	28 WILSON RD	Campbell	999-99-00-891.00	Sanitary
	ENSLIN RONALD E	32 WILSON RD	Campbell	999-99-01-502.00	Sanitary
	TAYLOR PAUL FRANKLYN	33 WILSON RD	Campbell	999-99-03-853.00	Sanitary
	KRABACH JEFFREY ALLEN	39 WILSON RD	Campbell	999-99-03-293.00	Sanitary
	MOHR TINA	579 WATERWORKS RD	Campbell	999-99-13-628.00	Sanitary
	MOHR TINA	587 WATERWORKS RD	Campbell	999-99-13-629.00	Sanitary
	GERWE KENNETH A & JUDITH	589 WATERWORKS RD	Campbell	999-99-13-745.00	Sanitary
	NEWPORT CITY OF	MEMORIAL PKWY	Campbell	999-99-05-065.00	Sanitary
	CARLISLE ENTERPRISES INC	MEMORIAL PKWY	Campbell	999-99-05-065.01	Sanitary
	KY TRANSPORTATION CABINET	MEMORIAL PKWY	Campbell	999-99-33-341.00	Sanitary
WATERWORKS PHASE IV (MAINE- WATERWORKS TO MAYFIELD)	VALI HI CONSTRUCTION CO	0 PARK PLACE	Campbell	999-99-38-231.00	Sanitary
	LONDON ACRES NORTH HOA	100 LONDON ACRES DR	Campbell	999-99-37-110.00	Sanitary
	BOWMAN CHRISTOPHER K	132 PARK PLACE	Campbell	999-99-12-767.00	Sanitary
	KOOPMANS W M P & SHERRI L	140 PARK PLACE	Campbell	999-99-14-755.00	Sanitary
	KOOPMANS WILLIAM P & SHERRI L	144 PARK PLACE	Campbell	999-99-14-756.00	Sanitary
	KY TRANSPORTATION CABINET	1601 WATERWORKS RD	Campbell	999-99-38-414.00	Sanitary
	DANIELS CHRIS	491 MAIN AVE	Campbell	999-99-14-139.00	Sanitary
	RANDLE MICHELLE KENDRICK	527 MAINE AVE	Campbell	999-99-15-914.00	Sanitary
	SNOW DANIEL L & MELODY L	529 MAINE AVE	Campbell	999-99-16-596.00	Sanitary
	SAALFELD KATHLEEN SUSAN	532 MAINE AVE	Campbell	999-99-14-281.00	Sanitary
	HARING DENNIS	538 MAINE AVE	Campbell	999-99-13-677.00	Sanitary
	CLARK JACK E	546 MAINE AVE	Campbell	999-99-14-140.00	Sanitary
	VOGT LAWRENCE & SHAUNA	560 MAINE AVE	Campbell	999-99-14-603.00	Sanitary
	LOMBARDO KIRK A	562 MAINE AVE	Campbell	999-99-14-991.00	Sanitary
	MCINTOSH CAMERON	563 MAINE AVE	Campbell	999-99-17-043.00	Sanitary
	CASE CECIL C JR	570 WATERWORKS RD	Campbell	999-99-12-846.00	Sanitary
	REEVES CHRISTOPHER	572 MAINE AVE	Campbell	999-99-14-622.00	Sanitary
	KENDRICK EDW L & SHIRLEY	611 MAINE AVE	Campbell	999-99-14-613.00	Sanitary
	650 COLFAX LLC	645 - 650 COLFAX AVE	Campbell	999-99-06-226.00	Sanitary
	ROBINSON STEVEN A	92 TAYLOR MILL RD	Campbell	999-99-12-928.00	Sanitary
	STIDHAM MARY	WATERWORKS RD	Campbell	999-99-11-858.00	Sanitary
	KY TRANSPORTATION CABINET	WATERWORKS RD	Campbell	999-99-38-415.00	Sanitary
CHURCH ST EQ AND SURROUNDING PIPE	UNITED STATES OF AMERICA	180 EAST 46TH ST	Kenton	056-41-04-078.04	Sanitary
	CITY OF COVINGTON	CHURCH ST	Kenton	056-41-04-078.02	Sanitary
	CITY OF COVINGTON	GRAND AVE	Kenton	056-20-02-027.06	Sanitary
	LYC	OVADA AVE	Kenton	056-23-03-080.25	Sanitary
MADISON 4400' SOUTH OF LAKEVIEW (FORMALLY 7800')	COMMONWEALTH OF KY	1051 DUDLEY RD	Kenton	043-00-02-002.00	Sanitary
	COMMONWEALTH OF KY	1062 DUDLEY RD	Kenton	043-00-02-001.00	Sanitary
	RESSURECTION CHURCH	3701 MADISON PIKE	Kenton	043-20-00-004.09	Sanitary
	ESCO CORP	3792 LAKE PARK DR	Kenton	043-00-00-100.04	Sanitary
	TAYLOR DEVELOPMENT CO	OLD MADISON PIKE	Kenton	043-20-00-004.00	Sanitary
LEATHERS EQ	STEVENS JAY L & MARY K	100 SILVER AVE	Kenton	028-40-11-057.00	Sanitary
	HIGHLAND CEMETERY INC	2167 DIXIE HWY	Kenton	042-10-00-270.02	Sanitary
	SCHLINGER ERIC R & KATHARINE A	27 LUCERNE AVE	Kenton	028-40-11-001.00	Sanitary
	SALZMAN BARBARA A TRUSTEE &	47 LEATHERS RD	Kenton	028-40-13-006.03	Sanitary
	HOLLADAY BRUCE R & DAWN V	49 LEATHERS RD	Kenton	028-40-13-006.04	Sanitary
KEAVY EQ	GRIPSHOVER JOHN J & NANCY K	5140 KEAVY DR	Kenton	057-20-00-127.00	Sanitary
	JOHNSON JOHN E & UTZ DAVID A	5144 KEAVY DR	Kenton	057-20-00-126.00	Sanitary
	MURPHY JACOB E & JENNIFER M	640 CARDINAL DR	Kenton	057-40-00-249.00	Sanitary
	PRATHER JASON	642 CARDINAL DR	Kenton	057-40-00-250.00	Sanitary
	DEATON MARK E & KIMBERLY	644 CARDINAL DR	Kenton	057-40-00-251.00	Sanitary
	WILLIAMS MARCUS E & JOANNE	646 CARDINAL DR	Kenton	057-40-00-252.00	Sanitary
	HORNBECK NATALIE	648 CARDINAL DR	Kenton	057-40-00-253.00	Sanitary
	NOE MICHAEL D & MARY K	650 CARDINAL DR	Kenton	057-40-00-254.00	Sanitary
MEADOW LN EQ	COPLEY ROBERT & KENNEDY JO ANN	645 CARDINAL DR	Kenton	057-40-00-238.00	Sanitary
	VOGELPOHL RACHELE E	647 CARDINAL DR	Kenton	057-40-00-237.00	Sanitary
	LOVENSHEIMER JO ANN & GENE A	649 CARDINAL DR	Kenton	057-40-00-236.00	Sanitary
	JONES TERRY J & DEBORAH	684 MEADOW LN	Kenton	057-40-00-226.00	Sanitary
	BOSSE DOUGLAS R & MICHELLE L	686 MEADOW LN	Kenton	057-40-00-227.00	Sanitary
	SCHAEFER JAMES P	688 MEADOW LN	Kenton	057-40-00-228.00	Sanitary
	SCHWAE WILLIAM R & LU ANN	690 MEADOW LN	Kenton	057-40-00-229.00	Sanitary
NEWPORT PLAZA UPSIZING	WOOD NEWPORT SHOPPING CENTER LLC	1727 MONMOUTH ST	Campbell	999-99-03-734.00	Sanitary
	PTNP LTD	75 CAROTHERS RD	Campbell	999-99-03-826.00	Sanitary
	NEWPORT CITY OF	81-93 PAVILION PKWY	Campbell	999-99-37-548.02	Sanitary
	WOOD NEWPORT PLAZA LLC	84-96 CAROTHERS RD	Campbell	999-99-03-093.00	Sanitary
DRY CREEK WWTP INTERCEPTOR UPSIZING	HOFFMAN JEFFREY F	2555 SIERRA DR	Kenton	002-30-00-018.06	Sanitary
	KEY PROPERTY DEVELOPMENT LLC	DOLWICK DR	Kenton	014-00-00-015.00	Sanitary
	RESERVE AT MEADOWOOD LLC	EUBANKS RD	Kenton	014-00-00-012.00	Sanitary
	WESSELS PROPERTIES INC	EUBANKS RD	Kenton	014-00-00-005.00	Sanitary
	RICHARDSON JACK G & ELLA L	LAGUNA CT	Kenton	002-30-00-017.00	Sanitary
	CORPOREX PARKS OF KY INC	PACIFIC AVE	Kenton	002-00-00-004.07	Sanitary
	CORPOREX PARKS OF KY INC	PACIFIC AVE	Kenton	002-00-00-004.06	Sanitary
	FKH LLC	ROGERS RD	Kenton	002-30-01-041.00	Sanitary
MARCEL AT ARBOR, EDGEWOOD	HUMPERT ANDRIA N	12 SWARTHMORE DR	Kenton	015-40-14-053.00	Storm
	HAGEDORN NATHAN B & KRISTIN R	14 SWARTHMORE DR	Kenton	015-40-14-052.00	Storm
	SIMS ANDY R TRUSTEE	18 SWARTHMORE DR	Kenton	015-40-14-051.00	Storm
	MANGEL LESLIE H & SANDRA M	3050 ELMWOOD DR	Kenton	015-40-02-015.00	Storm
	O'CONNOR IV THOS J & WEHNER K D	3052 ELMWOOD DR	Kenton	015-40-02-016.00	Storm
	GROTHAUS EDWARD J & JOHN E	3053 ELMWOOD DR	Kenton	015-40-03-008.00	Storm
	WERNER NORBERT	3055 ELMWOOD DR	Kenton	015-40-03-007.00	Storm
	KLARE JEROME	3059 ELMWOOD DR	Kenton	015-40-03-006.00	Storm
	STOECKLE J EY R & MARY ROSE	3060 ARBOR DR	Kenton	015-40-03-037.00	Storm
	STONEBACK DAVID N & JOYCE A	3064 ARBOR DR	Kenton	015-40-03-038.00	Storm
	KENNEDY DENNIS B	3071 ELMWOOD DR	Kenton	015-40-03-005.00	Storm
	HAGEMAN PAUL M & DARLA J	35 MARCEL DR	Kenton	015-40-04-011.00	Storm
	SCHWARTZ PAULA & JEFFREY	39 MARCEL DR	Kenton	015-40-04-012.00	Storm
GRANT ST, FT THOMAS	LOVERIDGE STEFAN J	50 GRANT ST	Campbell	999-99-13-915.00	Storm
	BURNETT KYLE A	54 GRANT ST	Campbell	999-99-16-667.00	Storm
	CLAYTON MARK A & SUSAN M	61 1/2 BONNIE LN	Campbell	999-99-12-908.00	Storm
	MANNING CURTIS L & SHAREE D	61 BONNIE LN	Campbell	999-99-13-471.00	Storm

ROUTE 8 LUDLOW	BP PIPELINES	401 River Rd	Kenton	026-20-00-021.00	Sanitary
	DAVID E & CAROL A BROCK	421 River Rd	Kenton	026-20-00-022.00	Sanitary
PARKSIDE SSO	CAMPBELL COUNTY FISCAL COURT	ALEXANDRIA PIKE	Campbell	999-99-29-986.00	Sanitary
	KY TRANSPORTATION CABINET	ALEXANDRIA PIKE	Campbell	999-99-32-266.00	Sanitary
	CAMPBELL COUNTY PUBLIC PARKS	ALEXANDRIA PIKE	Campbell	999-99-34-314.00	Sanitary
	CAMPBELL COUNTY KY PUBLIC PARKS	ALEXANDRIA PIKE	Campbell	999-99-37-364.00	Sanitary
WALNUT HALL & PEACH DRIVE	LARRY 7 BRENDA ELLIOTT	12 WALNUT HALL DR	Kenton	047-20-00-009.00	Sanitary
	KERMIT L & LAURI E WATKINS	13 WALNUT HALL DR	Kenton	047-20-00-008.00	Sanitary
	PAUL & JULIA MULLINS	16 WALNUT HALL DR	Kenton	047-20-00-010.00	Sanitary
	TAB R APPEL & DEE ANNE MERSHION	17 WALNUT HALL DR	Kenton	047-20-00-011.00	Sanitary
	NANCY A KENTER	18 PEACH DR	Kenton	047-10-00-081.00	Sanitary
	TAB R APPEL & DEE ANNE MERSHION	19 WALNUT HALL DR	Kenton	047-20-00-013.01	Sanitary
	JASON C & HELEN M TOWLES	20 WALNUT HALL DR	Kenton	047-20-00-012.00	Sanitary
	INDEPENDENCE OAKS	2050 BOXER LANE	Kenton	047-00-02-009.00	Sanitary
	CHRISTOPHER S BALDWIN	22 PEACH DR	Kenton	047-10-00-082.00	Sanitary
	HEATHER L & BERNARD R BUNGENSTOCK	23 WALNUT HALL DR	Kenton	047-20-00-013.00	Sanitary
	AMANDA KELSAY	24 WALNUT HALL DR	Kenton	047-20-00-014.00	Sanitary
	CITY OF INDEPENDENCE	25 PEACH DR	Kenton	047-10-00-087.00	Sanitary
	DALE A & JULIE C MCCLEESE	26 PEACH DR	Kenton	047-10-00-083.00	Sanitary
	CITY OF INDEPENDENCE	27 PEACH DR	Kenton	047-10-00-086.00	Sanitary
	MICHELLE MUELLER	28 PEACH DR	Kenton	047-10-00-084.00	Sanitary
	DANIEL & REGINA KOCH	28 WALNUT HALL DR	Kenton	047-20-00-015.00	Sanitary
	CHRISTOPHER CHARLES DUFFY III	29 PEACH DR	Kenton	047-10-00-085.00	Sanitary
	ROBERT & JODY THOMAS	29 WALNUT HALL DR	Kenton	047-20-00-016.00	Sanitary
	ARTHUR & PATTI ANDERSON	30 PEACH DR	Kenton	033-30-02-001.00	Sanitary
	HARRY W & DEBORAH L TRINKLER	33 PEACH DR	Kenton	033-30-02-002.00	Sanitary
	CHRISTYN & AUSTIN BALDWIN	33 WALNUT HALL DR	Kenton	047-20-00-018.00	Sanitary
	TONY & JENNIFER M RUSCHMAN	34 PEACH DR	Kenton	033-30-02-003.00	Sanitary
	DEBORAH R SMITH	35 WALNUT HALL DR	Kenton	047-20-00-019.00	Sanitary
	ARNETT W NEACE	36 WALNUT HALL DR	Kenton	047-20-00-017.00	Sanitary
	DAVE H WHEELER JR	37 PEACH DR	Kenton	033-30-02-004.00	Sanitary
	TERRY W WIEHOFF	37 WALNUT HALL DR	Kenton	047-20-00-020.00	Sanitary
	ROBERT L & KAREN KIRBY III	39 WALNUT HALL DR	Kenton	047-20-00-021.00	Sanitary
	BRETT D BOYER	40 PEACH DR	Kenton	033-30-02-005.00	Sanitary
	JAMES P JOHNSON	44 WALNUT HALL DR	Kenton	047-20-00-022.00	Sanitary
	WILLIAM & ELLEN BURGESS	48 WALNUT HALL DR	Kenton	047-20-00-023.00	Sanitary
	STEVEN RADEMACHER JR	49 WALNUT HALL DR	Kenton	047-20-00-024.00	Sanitary
	JAMES D & SHERRY MARSHALL	49-A WALNUT HALL DR	Kenton	047-20-00-024.01	Sanitary
	JOHN & SANDRA PRATER	52 WALNUT HALL DR	Kenton	047-20-00-025.00	Sanitary
	HIGHLAND CEMETERY, INC	5368 MADISON PK	Kenton	047-00-00-012.00	Sanitary
	DAVID KERR	5397 MADISON PK	Kenton	047-10-00-080.00	Sanitary
	BRADFORD LODGE TRUSTEES	5403 MADISON PK	Kenton	047-10-00-088.00	Sanitary
	HIGHLAND CEMETERY, INC.	5406 MADISON PK	Kenton	047-20-00-001.00	Sanitary
	TASHA R BROWN	5408 MADISON PK	Kenton	047-20-00-002.00	Sanitary
	DAVID LLOYD & NANCY L BALL	5412 MADISON PK	Kenton	047-20-00-003.00	Sanitary
	KOREY WOODWARD	5416 MADISON PK	Kenton	047-20-00-004.00	Sanitary
	JOE M & AMY H COMPTON	5420 MADISON PK	Kenton	047-20-00-005.00	Sanitary
	WILLIAM J GILBERT & EMILY L FLISCHL	5426 MADISON PK	Kenton	047-20-00-006.00	Sanitary
	RICKY L ROSENHAGEN JR	5430 MADISON PK	Kenton	047-20-00-007.00	Sanitary
	JUSTIN VANHOOSE & KALI TACKETT	56 WALNUT HALL DR	Kenton	047-20-00-026.00	Sanitary
	JAMES D & SHERRY MARSHALL	57 WALNUT HALL DR	Kenton	047-20-00-028.00	Sanitary
	JEREMY WIDENER & SHANNON LIUZZA	58 WALNUT HALL DR	Kenton	047-20-00-027.00	Sanitary
	CITY OF INDEPENDENCE	PEACH DR	Kenton	033-30-02-005.01	Sanitary
CRAWFORD	SACHARY & JULIE VATER	5206 SANDRA DR	Kenton	057-40-00-008.00	Sanitary
	NOE JACOB L & ROGER L	5248 TAYLOR MILL RD	Kenton	057-40-00-166.00	Sanitary
	SIEMER PA & KENNETH R COURTNEY	5253 TAYLOR MILL RD	Kenton	057-40-00-154.00	Sanitary
	REHMET, ROBERT C	5254 TAYLOR MILL RD	Kenton	057-40-00-015.00	Sanitary
	CLETA MITCHELL & KRISTINE SHERA	5256 TAYLOR MILL RD	Kenton	057-40-00-001.00	Sanitary
	TIMOTHY BURGOYNE, JR	5260 TAYLOR MILL RD	Kenton	057-40-00-016.00	Sanitary
	ALI IBRAM FAWZI ABU	674 CRAWFORD DR	Kenton	057-40-00-013.00	Sanitary
	MICHAEL & JILLIAN FINFROCK	675 CRAWFORD DR	Kenton	057-40-00-002.00	Sanitary
	ALI IBRAM FAWZI ABU	676 CRAWFORD DR	Kenton	057-40-00-014.00	Sanitary
	CONNOR BLESER	678 CRAWFORD DR	Kenton	057-40-00-012.00	Sanitary
	MARICA OSBOURNE	SANDRA DR	Kenton	057-40-00-010.00	Sanitary
	CHARLENE & WILLIAM BAKER JR.	SANDRA DR	Kenton	057-40-00-009.00	Sanitary
ALVIN	ARMSTRONG MARVIN & KAREN	11 ALVIN DR	Kenton	033-40-00-019.00	Sanitary
	WILCOXSON ROBERT & VOLERS & KATHRYN & HINTON PATRICIA	11030 MADISON PIKE	Kenton	033-40-00-011.00	Sanitary
	DEATON JOHN A & WORK JESSICA D	11054 MADISON PIKE	Kenton	033-40-00-020.00	Sanitary
	KENTON BOARD OF EDUCATION	11092 MADISON PIKE	Kenton	033-00-00-031.00	Sanitary
	KENTON COUNTY SCHOOL DISTRICT	11132 MADISON PIKE	Kenton	033-00-00-032.00	Sanitary
	MATTHEW JACOB RUST & NATALIE ROSE FINAN	13 ALVIN DR	Kenton	033-40-00-018.00	Sanitary
	KEVJO PROPERTIES LLC	14 ALVIN DR	Kenton	033-40-00-014.00	Sanitary
	KEVJO PROPERTIES LLC	15 ALVIN DR	Kenton	033-40-00-017.00	Sanitary
	NORTHERN LIGHTS PROPERTIES LLP	16 ALVIN DR	Kenton	033-40-00-015.00	Sanitary
	KEVJO PROPERTIES LLC	17 ALVIN DR	Kenton	033-40-00-016.00	Sanitary
	KEENEY MARIE	6 ALVIN DR	Kenton	033-40-00-012.00	Sanitary
	BACK SR DARREL W & BACK KIMBERLY M	62 APPLE DRIVE	Kenton	034-30-01-001.00	Sanitary
	PHARM PHUC TRAVIS	8 ALVIN DR	Kenton	033-40-00-013.00	Sanitary
	SEAN & HEATHER BRENNAN	11575 WATER TOWER WAY	Kenton	048-10-00-027.00	Sanitary
	DANIEL & JUDY COX	11597 WATER TOWER WAY	Kenton	048-10-00-029.00	Sanitary
	ROBERT & SANDY LEEN	11607 WATER TOWER WAY	Kenton	048-10-00-031.00	Sanitary
	TERRY & SHERRY SOUTHWORTH	11689 MAPLE TREE PL	Kenton	048-10-00-059.00	Sanitary
	ERIN PARINITZKE	11690 MAPLE TREE PL	Kenton	048-10-00-058.00	Sanitary
	CATHERINE G ARNOLD	11693 MAPLE TREE PL	Kenton	048-10-00-060.00	Sanitary
	DENNIS E & BARBARA L FIELDS	11697 MAPLE TREE PL	Kenton	048-10-00-061.00	Sanitary
	JOHN J & MARY L RESING	11701 MAPLE TREE PL	Kenton	048-10-00-062.00	Sanitary
	LESTER GLENN WORKMAN JR	11704 MAPLE TREE PL	Kenton	048-10-00-066.00	Sanitary
	RICHARD C & BARBARA L COFFEY	11705 MAPLE TREE PL	Kenton	048-10-00-063.00	Sanitary
	JOSEPH T & LISA M RESING	11707 MAPLE TREE PL	Kenton	048-00-00-091.00	Sanitary
	ROY P HOLTEN & GLEN C & NANCY HOLTEN	11708 Bluegrass Drive	Kenton	048-10-00-099.00	Sanitary
	SEAN D & TAMMY PETERSON	11708 MAPLE TREE PL	Kenton	048-10-00-065.00	Sanitary
	TODD KLEMA	11709 BLUEGRASS DRIVE	Kenton	048-10-00-073.00	Sanitary
	FRED J TAYLOR	11711 MAPLE TREE PL	Kenton	048-00-00-090.01	Sanitary
	JAMIE BONAR TR	11712 MAPLE TREE PL	Kenton	048-00-00-089.01	Sanitary
	NATALIE A CARPENTER	11713 BLUEGRASS DRIVE	Kenton	048-10-00-074.00	Sanitary
	THOMAS E & ERIN B BATES	11713 MAPLE TREE PL	Kenton	048-00-00-090.00	Sanitary
	BOBBY A & PATRICIA D BEAVERS	11715 MAPLE TREE PL	Kenton	048-00-00-085.04	Sanitary

MAPLE & BLUEGRASS

JAY W ROACH & SONIA HOFFERT-ROACH	11716 BLUEGRASS DRIVE	Kenton	048-10-00-098.00	Sanitary
SUSAN SWAIN	11717 BLUEGRASS DRIVE	Kenton	048-10-00-075.00	Sanitary
DAVID M FLEGE	11717 MAPLE TREE PL	Kenton	048-00-00-089.00	Sanitary
DOUGLAS VERCHEAK	11720 BLUEGRASS DRIVE	Kenton	048-10-00-097.00	Sanitary
MARC S RAVENSCHRAFT	11721 BLUEGRASS DRIVE	Kenton	048-10-00-076.00	Sanitary
DANIEL R & ELIAN F LYNCH	11724 BLUEGRASS DRIVE	Kenton	048-10-00-096.00	Sanitary
GLENN C & NANCY L HOLTEN	11725 BLUEGRASS DRIVE	Kenton	048-10-00-077.00	Sanitary
THOMAS H NEFLUN	11728 BLUEGRASS DRIVE	Kenton	048-10-00-095.00	Sanitary
BRADFORD J & ELIZABETH J ROSENACKER	11729 BLUEGRASS DRIVE	Kenton	048-10-00-078.00	Sanitary
CRAIG E FOSCARDO	11732 BLUEGRASS DRIVE	Kenton	048-10-00-094.00	Sanitary
DENNIS E BAKER & JANA S REDIX	11733 BLUEGRASS DRIVE	Kenton	048-10-00-079.00	Sanitary
RONALD F & PHYLLIS R KILGORE	11735 BLUEGRASS DRIVE	Kenton	048-10-00-093.00	Sanitary
KATHERINE M & KEVIN MARCUM	11737 BLUEGRASS DRIVE	Kenton	048-10-00-080.00	Sanitary
LAWRENCE R & JOYCE VOGELPOHL	11740 BLUEGRASS DRIVE	Kenton	048-10-00-092.00	Sanitary
ROY C & MARY M HAUGHT	11741 BLUEGRASS DRIVE	Kenton	048-10-00-081.00	Sanitary
AMY MARIE HAUGHT	11744 BLUEGRASS DRIVE	Kenton	048-10-00-091.00	Sanitary
DONALD R & WYONA WHALEY	11745 & 11749 BLUEGRASS DRIVE	Kenton	048-10-00-082.00	Sanitary
JENNIFER WALKER	11748 BLUEGRASS DRIVE	Kenton	048-10-00-090.00	Sanitary
ROBERT T SHERI L DRAKE	11922 CATALINA DRIVE	Kenton	048-00-00-087.00	Sanitary
GWENDOLYN HOPE BRAUTIGAN	11960 CATALINA DRIVE	Kenton	048-10-00-101.00	Sanitary
KELLIE VONHANDORF	2008 MAPLE TREE LN	Kenton	048-10-00-032.00	Sanitary
GEORGE E LEGER & JACKIE E NAPIER	2009 MAPLE TREE LN	Kenton	048-10-00-034.00	Sanitary
WILLIAM & DARLENE HILL	2012 MAPLE TREE LN	Kenton	048-10-00-033.00	Sanitary
LAWRENCE W & JOYCE ROGERS	2013 MAPLE TREE LN	Kenton	048-10-00-037.00	Sanitary
LINDA SANDEL	2015 MAPLE TREE LN	Kenton	048-10-00-035.00	Sanitary
LAWRENCE W & JOYCE H ROGERS	2017 MAPLE TREE LN	Kenton	048-10-00-037.01	Sanitary
DENNIS LYNCH	2020 MAPLE TREE LN	Kenton	048-10-00-036.00	Sanitary
BONNIE PROFFITT	2024 MAPLE TREE LN	Kenton	048-10-00-038.00	Sanitary
DANNY BRIDGES & BRENDA STEFFEN	2025 MAPLE TREE LN	Kenton	048-10-00-039.00	Sanitary
RACHEL M & DANE DWYER	2028 MAPLE TREE LN	Kenton	048-10-00-040.00	Sanitary
DANIEL KEVIN RICHMAN	2029 MAPLE TREE LN	Kenton	048-10-00-041.00	Sanitary
WILLIAM J & CRYSTAL AHEARN	2032 MAPLE TREE LN	Kenton	048-10-00-042.00	Sanitary
EDWARD C & ELIZABETH T GAMEL	2033 MAPLE TREE LN	Kenton	048-10-00-043.00	Sanitary
JENNIFER & ANDREW MCCLAINE	2036 MAPLE TREE LN	Kenton	048-10-00-044.00	Sanitary
ANDREW J SPENLAU	2039 MAPLE TREE LN	Kenton	048-10-00-045.00	Sanitary
HUGH KEMP	2040 MAPLE TREE LN	Kenton	048-10-00-046.00	Sanitary
JOHN L & JOANN K KEENE	2044 MAPLE TREE LN	Kenton	048-10-00-047.00	Sanitary
VERNON E ARNOLD	2045 MAPLE TREE LN	Kenton	048-10-00-072.00	Sanitary
GWENDOLYN HOPE BRAUTIGAN	2048 LINCOLN DR	Kenton	048-20-00-025.00	Sanitary
JAMIE BONAR	2048 MAPLE TREE LN	Kenton	048-10-00-048.00	Sanitary
TODD KLEMA	2049 MAPLE TREE LN	Kenton	048-10-00-073.01	Sanitary
ERIN RENEE HEIS	2052 MAPLE TREE LN	Kenton	048-10-00-049.00	Sanitary
ERIC D & CYNTHIA J WILLIS	2055 MAPLE TREE LN	Kenton	048-10-00-071.00	Sanitary
MARY D & PATRICK C STEINER	2056 MAPLE TREE LN	Kenton	048-10-00-050.00	Sanitary
PATRICIA F CATTON	2059 MAPLE TREE LN	Kenton	048-10-00-070.00	Sanitary
MARILYN S LACHMANN	2060 MAPLE TREE LN	Kenton	048-10-00-051.00	Sanitary
LEROY & MARY SIMPSON	2063 MAPLE TREE LN	Kenton	048-10-00-069.00	Sanitary
GERALD K & KAREN ALSIP	2064 MAPLE TREE LN	Kenton	048-10-00-052.00	Sanitary
GREGORY J PONZER	2067 MAPLE TREE LN	Kenton	048-10-00-068.00	Sanitary
WILLIAM G & TERRI J WATSON	2068 MAPLE TREE LN	Kenton	048-10-00-053.00	Sanitary
DENNIS OWNING	2071 MAPLE TREE LN	Kenton	048-10-00-067.01	Sanitary
TIM & JULIE STEWART	2072 MAPLE TREE LN	Kenton	048-10-00-054.00	Sanitary
DARREN B & DONNA G ROLAND	2076 MAPLE TREE LN	Kenton	048-10-00-055.00	Sanitary
ALBERT F ZERHUSEN, JR	2080 MAPLE TREE LN	Kenton	048-10-00-056.00	Sanitary
JOHNNY & TAMARA ARMSTRONG	2088 & 2086 MAPLE TREE LN	Kenton	048-10-00-057.00	Sanitary
PAUL & NICOLE STANTON	2233 BLUEGRASS PL	Kenton	048-10-00-088.00	Sanitary
JESSICA L BROWN	2234 BLUEGRASS PL	Kenton	048-10-00-089.00	Sanitary
JAMES H & SHELLIE P ISHMAEL	2237 BLUEGRASS PL	Kenton	048-10-00-087.00	Sanitary
DANIEL G & JANET DIMUZZO	2241 BLUEGRASS PL	Kenton	048-10-00-086.00	Sanitary
MICHAEL WHISNER & ALEXIS SHELTON	2245 BLUEGRASS PL	Kenton	048-10-00-085.00	Sanitary
DOORNA G MCKINLEY	2248 BLUEGRASS PL	Kenton	048-10-00-083.00	Sanitary
THOMAS A & NANCY K TAYLOR	2249 BLUEGRASS PL	Kenton	048-10-00-084.00	Sanitary
MONICA FRANKS	2256 BLUEGRASS PL	Kenton	048-00-00-088.00	Sanitary

ASHFIELD, EDGEWOOD

DENNIS P & NANCY JO MURPHY	3008 WINDING TRAILS DR	Kenton	043-20-01-002.00	Storm
PING TSUNG LEE & LI MING WONG	3011 WINTERBOURNE RD	Kenton	029-40-00-098.00	Storm
DENNIS A & JANICE K MAINS	3012 WINDING TRAILS DR	Kenton	043-20-01-003.00	Storm
MARY LYNN CROPPER TR	3015 WINTERBOURNE RD	Kenton	029-40-00-097.00	Storm
WILLIAM E JR & ARLENE VAUGHN	3016 WINDING TRAILS DR	Kenton	043-20-01-004.00	Storm
CHRISTINA S & SCOTT M SPILLE	3019 WINTERBOURNE RD	Kenton	029-40-00-096.00	Storm
JAMES O & BEVERLY C MUEGLE	3020 WINDING TRAILS DR	Kenton	043-20-01-005.00	Storm
CHRISTOPHER D & MICHELLE QUAST	3023 WINTERBOURNE RD	Kenton	029-40-00-095.00	Storm
ADAM BULTMAN	3024 WINDING TRAILS DR	Kenton	043-20-01-006.00	Storm
JEREMY & KATHERINE A HOFFMAN	3026 WINDING TRAILS DR	Kenton	043-20-01-007.00	Storm
THOMAS DOUGLAS & CHRISTINE F KENNEDY	3027 WINTERBOURNE RD	Kenton	029-40-00-094.00	Storm
JOHN P NEWKIRK	3030 WINDING TRAILS DR	Kenton	043-20-01-008.00	Storm
RICHARD K & CAROL J DUNHAM	3031 WINTERBOURNE RD	Kenton	029-40-00-093.00	Storm
GRAVELY THOMAS W & LINDA Y	3035 WINTERBOURNE RD	Kenton	029-40-00-092.00	Storm
ROBERT & LORI D WARDEN	775 KINGSTON DR	Kenton	029-40-00-104.00	Storm
DENNIS R GURLEY	778 KINGSTON DR	Kenton	029-40-00-103.00	Storm
BRADFORD E CHERYL A PFIRMAN TR	780 KINGSTON DR	Kenton	029-40-00-102.00	Storm
EVAN I PURKISS	782 KINGSTON DR	Kenton	029-40-00-101.00	Storm
A CLAYTON & RUTH T ROBERTSON	784 KINGSTON DR	Kenton	043-20-01-015.00	Storm
DOUGLAS J & VICKI MCCAFFERTY	786 KINGSTON DR	Kenton	043-20-01-014.00	Storm
ELMER L & JULIE M MYERS	788 KINGSTON DR	Kenton	043-20-01-013.00	Storm
RYAN M MCCLANE	794 ASHFIELD CT	Kenton	029-40-00-138.00	Storm
ANTHONY PAUL & JESSICA MARIE COLLEY IV	798 ASHFIELD CT	Kenton	029-40-00-139.00	Storm
CHARLES G & AROHANUI BENDER	802 ASHFIELD CT	Kenton	029-40-00-140.00	Storm
CHRISTOPHER A & KELLY MARIE PENNINGTON	806 ASHFIELD CT	Kenton	029-40-00-141.00	Storm
CHRISTOPHER J KLARE &	810 ASHFIELD CT	Kenton	029-40-00-142.00	Storm
CHARLES E MATTHEW	814 ASHFIELD CT	Kenton	029-40-00-143.00	Storm
JOHN P HUFFMAN TR	818 ASHFIELD CT	Kenton	029-40-00-144.03	Storm

SATURN PUMP STATION

WELLINGTON HOLDINGS, LLC	5915 CENTENNIAL CIR	Boone	061.00-07-006.00	Sanitary
FLORENCE KY LLC	5900 CENTENNIAL CIR	Boone	061.00-11-008.02	Sanitary

24 CROWN POINT

FT THOMAS CITY OF	ALEXANDER CR	Campbell	999-99-37-980.00	Sanitary
GATES KAREN G	20 CROWN POINT	Campbell	999-99-13-849.00	Sanitary
GRAU ERIC AND JANETTE	24 CROWN POINT	Campbell	999-99-13-850.02	Sanitary
GRAU KENNETH M & MARY P	28 CROWN PT.	Campbell	999-99-13-850.00	Sanitary
FT THOMAS CITY OF	950 FT THOMAS AVE	Campbell	999-99-33-617.00	Sanitary
GRAU JANET F	MARY INGLES HWY	Campbell	999-99-13-850.03	Sanitary

2324 MACARTHUR LN	RUMMEL ROBERT	2311 JOYCE AVE	Campbell	999-99-03-165.00	Sanitary
	SWARTZ MARK	2313 JOYCE AVE	Campbell	999-99-01-972.00	Sanitary
	BRAUN DAVID JOHN	2315 JOYCE AVE	Campbell	999-99-02-234.00	Sanitary
	HUG WILLIAM	2316 MACARTHUR LN	Campbell	999-99-02-438.00	Sanitary
	EARHART REILLY	2317 JOYCE AVE	Campbell	999-99-00-854.00	Sanitary
	MORRIS LORAIN E	2318 MACARTHUR LN	Campbell	999-99-00-019.00	Sanitary
	KRAMER ANTHONY T & PAULA	2319 JOYCE AVE	Campbell	999-99-02-862.00	Sanitary
	WHALEY RICKY A	2322 MACARTHUR LN	Campbell	999-99-05-668.00	Sanitary
	SNODGRASS HEATHER	2323 JOYCE AVE	Campbell	999-99-01-995.00	Sanitary
	SCHALK GREGORY T & MAUREEN C	2324 MACARTHUR LN	Campbell	999-99-04-445.00	Sanitary
	RAWE BRANDON	2325 JOYCE AVE	Campbell	999-99-01-701.00	Sanitary
	WOODFORD KATALIN	2327 JOYCE AVE	Campbell	999-99-03-821.00	Sanitary
	CURTIS MICHAEL	2328 MACARTHUR LN	Campbell	999-99-02-160.00	Sanitary
	BUCHANAN MARY F	2329 JOYCE AVE	Campbell	999-99-02-972.00	Sanitary
	ELBERT JENNA	2330 MACARTHUR LN	Campbell	999-99-00-170.00	Sanitary
	ALFIERI FRED E	2331 JOYCE AVE	Campbell	999-99-02-324.00	Sanitary
	BRANCH DONNA	302 POPLAR ST	Campbell	999-99-03-968.00	Sanitary
	THOMER CHARLES C	304 POPLAR ST	Campbell	999-99-05-209.00	Sanitary
	HORTON BRANDY RENEE	305 FLORENCE AVE	Campbell	999-99-02-381.00	Sanitary
	WATTS MADELYNE	306 POPLAR ST	Campbell	999-99-03-267.00	Sanitary
	BIERY CHAS J & JACKLYN C	307 FLORENCE AVE	Campbell	999-99-00-424.00	Sanitary
	WIDDIS MICHAEL TRUST	309 FLORENCE AVE	Campbell	999-99-01-101.00	Sanitary
SAGEBRUSH LN	CRIDER RACHAEL L & II DALE M	3504 LINDEN WOOD DR	Kenton	016-40-04-098.00	Storm
	MORICONI TONI LYNN &	3508 LINDEN WOOD DR	Kenton	016-40-04-100.00	Storm
	RIVERA TATIANA B	47 SAGEBRUSH LN	Kenton	016-40-04-087.00	Storm
	HARDESTY NICHOLAS J & AMY J	49 SAGEBRUSH LN	Kenton	016-40-04-086.00	Storm
LRS PHASE III (NKU SEWER UPSIZING)	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-34-998.00	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-35-010.00	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-34-994.00	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-35-009.00	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-34-995.00	Sanitary
	FAMILY WORSHIP CENTER OF CARRO	THREE MILE RD	Campbell	999-99-20-442.00	Sanitary
	VERST RANDALL & REBECCA	THREE MILE RD	Campbell	999-99-20-443.02	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-20-444.01	Sanitary
	VERST RANDALL & REBECCA	THREE MILE RD	Campbell	999-99-20-444.00	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-20-446.01	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-34-997.00	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-34-996.00	Sanitary
	VERST RANDALL & REBECCA	100 THREE MILE RD	Campbell	999-99-20-446.00	Sanitary
	DOWNING KARENA	101 THREE MILE RD	Campbell	999-99-19-891.00	Sanitary
	MEISER DOUG	102 THREE MILE RD	Campbell	999-99-19-891.01	Sanitary
	GRAND COMMUNITIES LLC	105 THREE MILE RD	Campbell	999-99-20-040.00	Sanitary
	PROTECT 4 PAWS CO	105A THREE MILE RD	Campbell	999-99-36-023.00	Sanitary
	COMBS LEWIS JR & JO ANN	106 THREE MILE RD	Campbell	999-99-17-962.00	Sanitary
	HOWARD WILLIAM F & SANDRA	92 THREE MILE RD	Campbell	999-99-18-800.00	Sanitary
	RAWE NICHOLAS & MARGARET	94 THREE MILE RD	Campbell	999-99-20-144.00	Sanitary
	THORP ALBERT LINDSAY & CAROL L TRUST	96 THREE MILE RD	Campbell	999-99-20-140.00	Sanitary
	FAMILY WORSHIP CENTER OF CARRO	97 THREE MILE RD	Campbell	999-99-20-443.00	Sanitary
	EVERSON THOMAS	98 THREE MILE RD	Campbell	999-99-18-774.01	Sanitary
	EICHMAN TYNA & STEVEN	99 THREE MILE RD	Campbell	999-99-18-774.02	Sanitary
LRI UPSIZE (LICKING RIVER INTERCEPTOR - GOLF COURSE)	SWINGOS JAMES G & ROSEMARY	450 43RD ST E	Kenton	056-30-00-001.00	Sanitary
	COVINGTON CITY OF	4508 VIRGINIA AVE	Kenton	056-44-00-001.00	Sanitary
LAKE PARK DR	ITW FOOD EQUIPMENT GROUP LLC	3775 LAKE PARK DR	Kenton	043-00-00-103.00	Sanitary
	PRODUCE REALTY LLC	3776 LAKE PARK DR	Kenton	043-00-00-102.00	Sanitary
	ARKA COVINGTON I LP	3780 LAKE PARK DR	Kenton	043-00-00-101.00	Sanitary
	LAKEVIEW BUSINESS CENTER LLC	3785 LAKE PARK DR	Kenton	043-00-00-104.00	Sanitary
W6 PHASE II - COLLECTION PIPING AND FORCE MAIN IMPROVEMENTS	DUKE ENERGY KENTUCKY INC	DIXIE HWY	Boone	074-00-00-035.00	Sanitary
	AHRENS DEVELOPMENT LLC	CODY RD	Kenton	018-00-00-047.01	Sanitary
	AMSDOLL STORAGE VENTURES VI LLC	10000 SAM NEACE	Boone	074-00-06-002.00	Sanitary
	HAZEL LAND COMPANY LLC	10011 SAM NEACE	Boone	074-00-06-011.01	Sanitary
	WALTER HAYES LLC	10018 DIXIE HWY	Kenton	074-00-00-051.00	Sanitary
	GRAND COMMUNITIES LLC	10061 MEADOW GLEN	Kenton	032-00-00-066.12	Sanitary
	GRAND COMMUNITIES LTD	10071 MEADOW GLEN DR	Kenton	032-00-00-066.09	Sanitary
	HALL ERIC A	10117 MEADOW GLEN DR	Kenton	032-00-03-208.00	Sanitary
	CAMPBELL ADAM J	10121 MEADOW GLEN DR	Kenton	032-00-03-207.00	Sanitary
	WORLEY RANDY C & DONNA	10169 CHESTNUTOAK DR	Kenton	018-00-02-033.00	Sanitary
	DUSTIN ARTHUR BINGHAM	10173 CHESTNUTOAK DR	Kenton	018-00-02-034.00	Sanitary
	RAMIRO JORGE BUMANLAG III	10189 MEADOW GLEN DR	Kenton	032-00-03-128.00	Sanitary
	RUHOLT WILLIAM & JUDITH	1036 HOGREFE RD	Kenton	019-00-00-007.00	Sanitary
	BRISTOW ROAD LLC	1042 TALLTREE WAY	Kenton	018-00-00-015.03	Sanitary
	WILLIAMS JOHN F & ALOMA A	1064 BATTLE RIDGE DR	Kenton	019-00-01-005.00	Sanitary
	SNODGRASS JOHNATHAN	1068 BATTLE RIDGE DR	Kenton	019-00-01-006.00	Sanitary
	BAILEY KYLE	1072 BATTLE RIDGE DR	Kenton	019-00-01-007.00	Sanitary
	SEYBERTH DEANNA	1076 INFANTRY DR	Kenton	019-00-01-461.00	Sanitary
	GEORGY PATRICK M	1094 STONEWALL RIDGE DR	Kenton	019-00-01-401.00	Sanitary
	HEUEL MARKUS	1098 TROOPERS XING	Kenton	019-00-01-187.00	Sanitary
	HAYES RAYMOND O & CYNTHIA L	1112 AMBLEWOOD CT	Kenton	018-40-00-118.00	Sanitary
	KENTON CONSERVANCY INC	1256 WOODFORD CT	Kenton	032-00-04-062.00	Sanitary
	FRY CORNELIUS J III AND MINDY	1296 WOODFORD CT	Kenton	032-00-04-045.00	Sanitary
	FRY MINDY A	1300 WOODFORD CT	Kenton	032-00-04-044.00	Sanitary
	SMYRNA READY MIX CONCRETE, LLC	139 ARISTOCRAT	Boone	074-00-06-001.00	Sanitary
	HAYES JUDITH ANN TRUSTEE	251 WEBSTER RD	Kenton	032-00-00-062.00	Sanitary
	COMMONWEALTH OF KENTUCKY	375 WEAVER	Boone	062-00-00-063.02	Sanitary
	MCCAULEY GORDON & BONITA	5313 CODY RD	Kenton	032-00-00-070.00	Sanitary
	TOEBBEN LTD	541 BUTTERMILK PIKE	Kenton	074-00-07-001.00	Sanitary
	CODY ROAD LAKE LLC	5500 CODY	Kenton	018-00-00-047.00	Sanitary
	JAMES HARGREAVES	575 CAROL ANN LN	Kenton	018-00-00-050.00	Sanitary
	DAVID R VONDERSCMIT	606 BRISTOW RD	Kenton	018-00-00-012.00	Sanitary
	COMMONWEALTH OF KY	639 BRISTOW RD	Kenton	019-00-00-005.01	Sanitary
	COMMONWEALTH OF KY	641 BRISTOW RD	Kenton	019-00-00-005.00	Sanitary
	TUNNING PATRICIA I & WALTER &	643 BRISTOW RD	Kenton	019-00-00-004.00	Sanitary
	BALLARD J MICHAEL	647 BRISTOW RD	Kenton	019-00-00-003.00	Sanitary
	FLACK RONALD & PATRICIA A	649 BRISTOW RD	Kenton	019-00-00-003.01	Sanitary
	HANS JEFFREY M & STACEE D	651 BRISTOW RD	Kenton	019-00-00-002.00	Sanitary
	HAGAN JEANETTE SCHROER &	655 BRISTOW RD	Kenton	019-00-00-001.00	Sanitary
	JAMES HARGREAVES	661 Carol Ann Ln	Kenton	018-00-00-048.00	Sanitary
	BRISTOW ROAD LLC	702 BRISTOW	Kenton	018-00-00-016.03	Sanitary
	BRISTOW ROAD LLC	702 BRISTOW	Kenton	018-00-00-016.00	Sanitary
	JUMP ALBERT JR & VELMA	783 HOGREFE	Kenton	019-00-00-031.00	Sanitary

BODIES BY MIKE LLC	8525 DIXIE HWY	Kenton	074-00-00-039.01	Sanitary
WELDING ALLOYS U S A INC	8535-8537 DIXIE	Boone	074-00-00-040.00	Sanitary
DUKE ENERGY KENTUCKY INC	8558 DIXIE	Boone	074-00-00-035.01	Sanitary
UNITED DAIRY FARMERS INC	8577 DIXIE	Boone	074-00-00-041.00	Sanitary
SPEGAL LLOYD & JUDITH L	861 E MT ZION	Kenton	018-00-00-003.00	Sanitary
GUENTHER JEFF & BECKY	931 HOGREFE RD	Kenton	019-00-00-019.00	Sanitary
CORPOREX PARKS OF KY INC	9605 SAM NEACE DR	Boone	074-00-00-032.01	Sanitary
KENDALL RICHARD L & WANDA	961 HOGREFE	Kenton	019-00-00-017.00	Sanitary
YEAGER CATHERINE L	963 HOGREFE	Kenton	019-00-00-013.00	Sanitary
YVONNE YEAGER	965 HOGREFE RD	Kenton	019-00-00-013.01	Sanitary
WORKS WAYNE	987 HOGREFE	Kenton	019-00-00-010.00	Sanitary
RICHARDS LEWIS & GLORIA	988 HOGREFE RD	Kenton	019-00-00-011.00	Sanitary
BCDPF FLORENCE LOGISTICS CENTER LLC	9899 SAM NEACE	Boone	074-00-06-010.00	Sanitary
BATTLE RIDGE DEVELOPMENT LLC	CALVARY	Kenton	032-00-00-073.07	Sanitary
KENTON CONSERVANCY INC	CODY	Kenton	032-00-00-066.05	Sanitary
KENTON CONSERVANCY INC	CODY RD	Kenton	032-00-00-066.04	Sanitary
MEADOW GLEN HOMEOWNERS ASSN INC	LOT B SEC 6 MEADOW GLEN SUB	Kenton	032-00-00-008.05	Sanitary
TRANSPORTATION CABINET DEPT OF HWYS	PARCEL 131 TRACT A US 25 - 10000 BLK DIXIE HWY	Kenton	074-00-00-051.01	Sanitary
TRANSPORTATION CABINET DEPT OF HWYS	PARCEL 137 TRACT A - 155 BLK MT ZION HWY	Kenton	074-00-00-040.01	Sanitary
BATTLE RIDGE DEVELOPMENT LLC	TROOPERS KING	Kenton	019-00-00-067.09	Sanitary

CENTRAL BOONE COUNTY CONVEYANCE PHASE 3				
SPREHER WILLIAM J & CONSTANCE A	4391 EASTON LN	Boone	017-00-00-016.03	Sanitary

CENTRAL BOONE COUNTY CONVEYANCE PHASE 4	COMMONWEALTH OF KY TRANSPORTATION	3029 PETERSBURG RD	Boone	036-00-00-032.01	Sanitary
	COMMONWEALTH OF KY TRANSPORTATION	3029 PETERSBURG RD	Boone	036-00-00-032.02	Sanitary
	LUCKI VIRGINIA	3061 PETERSBURG RD	Boone	036-00-00-079.00	Sanitary
	COMPTON JASON C	3067 PETERSBURG	Boone	036-00-00-061.00	Sanitary
	ELLEN LUCAS, TRUSTEE	3163 PEEL RD	Boone	025-00-00-007.23	Sanitary
	GOODRIDGE BRIANA R	3175 PEEL	Boone	025-00-00-007.02	Sanitary
	PILLE GAYLE M	3495 FEELEY	Boone	025-00-00-017.18	Sanitary
	PILLE GAYLE M	3500 BLK FEELEY RD	Boone	026-00-00-013.03	Sanitary
	ARLINGHAUS BUILDERS LLC	3523 GARBER	Boone	025-00-00-015.00	Sanitary
	PILLE GAYLE M	4651 IDLEWILD RD	Boone	026-00-00-013.00	Sanitary
	KENTON COUNTY AIRPORT BOARD	4688 IDLEWILD RD	Boone	026-00-00-014.00	Sanitary
	PILLE GAYLE	IDLEWILD RD	Boone	026-00-00-013.01	Sanitary
	PILLE GAYLE M	IDLEWILD RD 22.6 AC	Boone	026-00-00-013.04	Sanitary
	PILLE GAYLE	IDLEWILD RD LOT 24 GAINES FARM	Boone	026-00-00-013.05	Sanitary
	COMMONWEALTH OF KY TRANSPORTATION	PETERSBURG RD	Boone	036-00-04-032.02	Sanitary

NORTHERN BOONE COUNTY GRAVITY BORE				
NORRIS TODD AND JULI MARIE ROBERTS	2712 WATTS	Boone	035-00-00-072.04	Sanitary
FINKE SHARON	2730 WATTS RD	Boone	036-00-00-001.00	Sanitary
TRANSPORTATION CABINET DEPT OF HIGHWAYS	PARCEL 84 WILLIAMS RD ROW SURPLUS	Boone	035-00-00-072.13	Sanitary

NORTHERN BOONE COUNTY GRAVITY PHASE 1B				
CONNER DOUGLAS A	OLD GRAVES RD	Boone	036-00-00-017.05	Sanitary
TRANSPORTATION CABINET DEPT OF HIGHWAYS	GRAVES RD PARCEL 21 ROW SURPLUS	Boone	036-00-00-017.08	Sanitary
W. RANDY AND DEBRA S GRAVES	2807 OLD GRAVES	Boone	036-00-00-059.04	Sanitary
CONNER DOUGLAS	2890 OLD GRAVES RD	Boone	036-00-00-016.01	Sanitary
COMMONWEALTH OF KENTUCKY TRANSPORTATION	WATTS RD 0 PARCEL 29 ROW SURPLUS	Boone	036-00-00-006.05	Sanitary
EDNA MILLER	2968 WATTS RD	Boone	036-00-00-081.00	Sanitary
STAPLETON WILLIAM G	3036-3040 PETERSBURG RD	Boone	036-00-00-017.00	Sanitary

MADISON/ORPHANAGE/HIGHLAND	STEPHENS JANICE M	12 BARBARA CIR	Kenton	041-20-00-039.00	Sanitary
	MITCHELL STEVEN L & GINA L	14 BARBARA CIR	Kenton	042-10-00-040.00	Sanitary
	NENABER KATHERINE D	16 BARBARA CIR	Kenton	042-10-00-042.00	Sanitary
	LEWIN DANIEL	18 BARBARA CIR	Kenton	042-10-00-044.00	Sanitary
	BERLING JAMES W & JUDITH A	1864 HIGHLAND PIKE	Kenton	042-10-00-031.00	Sanitary
	SCHRODER ROGER	1867 HIGHLAND PIKE	Kenton	042-10-00-015.00	Sanitary
	ASHLEY PROPERTIES INC	1913 HIGHLAND PIKE	Kenton	042-20-00-001.00	Sanitary
	TOEBBE GARY R	1925 HIGHLAND PIKE	Kenton	042-20-00-002.00	Sanitary
	OHARA BRIAN J & DEBRA L	1931 HIGHLAND PIKE	Kenton	042-20-00-003.00	Sanitary
	BRADSHAW HAROLD & MARY ANNE	1933 HIGHLAND PIKE	Kenton	042-20-00-082.00	Sanitary
	SMITH DWAYNE A & DONNA B	1935 HIGHLAND PIKE	Kenton	042-20-00-005.00	Sanitary
	BRADSHAW HAROLD & MARY ANNE	1937 HIGHLAND PIKE	Kenton	042-20-00-006.00	Sanitary
	BC PROPERTIES OF NORTHERN KY LLC	1945 HIGHLAND PIKE	Kenton	043-00-01-026.01	Sanitary
	JINGA ANGEL LLC	1955 HIGHLAND PIKE	Kenton	043-00-01-026.02	Sanitary
	M AND T REAL ESTATE HOLDINGS LLC	1965 HIGHLAND PIKE	Kenton	043-00-01-026.03	Sanitary
	FIFTH THIRD BANK OF NORTHERN KY	1975 HIGHLAND PIKE	Kenton	043-00-01-026.05	Sanitary
	WESDORP ROSS G & WESDORP ALLISON R	1995 PIECK LN	Kenton	042-10-00-006.00	Sanitary
	HAMPEL THOMAS & NANCY	1997 PIECK LN	Kenton	042-10-00-007.00	Sanitary
	KREUTZJANS GREGORY A &	20 BARBARA CIR	Kenton	042-10-00-046.05	Sanitary
	CLARK BRANDON S & SHANNON M	2001 PIECK LN	Kenton	028-30-10-010.00	Sanitary
	BOLGER JEFFREY P & MARY E	2003 PIECK LN	Kenton	028-30-10-009.00	Sanitary
	ZUMBIE DAVID & KATHY A	22 BARBARA CIR	Kenton	042-10-00-046.04	Sanitary
	CITIZENS DEPOSIT BANK & TRUST INC	3425 VALLEYPLAZA PKWY	Kenton	043-00-00-026.10	Sanitary
	BANK OF KENTUCKY INC	3435 VALLEYPLAZA PKWY	Kenton	043-00-00-026.04	Sanitary
	DEDDEN RICHARD & JUDY ANN	3438 REEVES DR	Kenton	042-20-00-001.07	Sanitary
	DEDDEN RICHARD W & JUDY A	3442 REEVES DR	Kenton	042-20-00-001.06	Sanitary
	SCOTT H LEE JR TRUSTEE	3450 VALLEYPLAZA PKWY	Kenton	043-00-00-026.07	Sanitary
	FT WRIGHT INVESTORS LTD	3475 VALLEYPLAZA PKWY	Kenton	043-00-00-026.09	Sanitary
	TEXAS ROADHOUSE HOLDINGS LLC	3480 VALLEYPLAZA PKWY	Kenton	043-00-00-026.06	Sanitary
	GLENWAY SHOPPES LLC	3485 VALLEYPLAZA PKWY	Kenton	043-00-00-026.05	Sanitary
	LAMPKE THOMAS E	36 AUGUSTA AVE	Kenton	041-20-00-038.00	Sanitary
	BOWLING EUGENE R & ROSE H	394 ORPHANAGE RD	Kenton	043-00-00-031.00	Sanitary
	CARNEY VIRGINIA	398 ORPHANAGE RD	Kenton	043-00-00-029.00	Sanitary
	BOWLING JAMES M	404 ORPHANAGE RD	Kenton	043-00-00-030.00	Sanitary
	DECKER NORMAN & ELOISE	410-412 ORPHANAGE RD	Kenton	043-00-00-027.00	Sanitary
	TIRELESS LIMITED PARTNERSHIP	476 ORPHANAGE RD	Kenton	043-00-00-025.03	Sanitary
	WHITE CASTLE KY LLC	482 ORPHANAGE RD	Kenton	043-00-00-026.12	Sanitary
	MIKES NO 57 LLC	488 ORPHANAGE RD	Kenton	043-00-00-025.01	Sanitary
	OCONNOR KATHLEEN S &	56 E ORCHARD RD	Kenton	028-30-11-018.01	Sanitary
	B & Z DEVELOPMENT INC	HIGHLAND PIKE	Kenton	042-20-00-006.01	Sanitary
	FT WRIGHT CITY OF	PIECK LN	Kenton	028-30-10-008.01	Sanitary

JANSHOR LLC	1020 HANDS PIKE	Kenton	044-20-00-055.08	Sanitary
PIPES GARY & FREDA	1036 HANDS PIKE	Kenton	044-20-00-065.00	Sanitary
HURLEY DAVID A & JUDY A	1080 HANDS PIKE	Kenton	044-20-00-068.00	Sanitary
TIRKALA FERENC & TIRKALANE JUDIT	2001 GRIBBLE DR	Kenton	045-10-01-001.00	Sanitary
FOSTER B SCOTT	2003 GRIBBLE DR	Kenton	045-10-01-002.00	Sanitary
GILMAN JEFFREY T	2004 GRIBBLE DR	Kenton	045-10-01-151.00	Sanitary
BANFIELD RICK L &	2008 GRIBBLE DR	Kenton	045-10-01-150.00	Sanitary

RICHARDSON ROAD TO OLD HANDS PIKE SSO

DAVIS SHEENA F	2009 GRIBBLE DR	Kenton	045-10-01-003.00	Sanitary
RICE MICHAEL JOSEPH & RICE SHARON D	2011 GRIBBLE DR	Kenton	045-10-01-004.00	Sanitary
HENDERSON ASHLY ANDREA &	2053 GRIBBLE DR	Kenton	045-10-01-153.00	Sanitary
RIEMEN LISA K	2415 WAYMAN BRANCH RD	Kenton	044-40-00-001.01	Sanitary
EUBANK JAMES T	2490 WAYMAN BRANCH RD	Kenton	044-40-00-010.00	Sanitary
BRADLEY PATRICK	2501 WAYMAN BRANCH RD	Kenton	044-40-00-011.00	Sanitary
PARKER ELLEN T TRUSTEE	2571 WAYMAN BRANCH RD	Kenton	044-40-00-001.00	Sanitary
HERDIE B & ELIZABETH A	2580 WAYMAN BRANCH RD	Kenton	044-00-00-050.00	Sanitary
KRAUTH RICHARD & KRAUTH REGINA	2750 WAYMAN BRANCH RD	Kenton	058-20-00-202.00	Sanitary
GIFFEL WILLIAM JR	276 MADISON PIKE	Kenton	045-10-00-003.00	Sanitary
BLACKBURN DON	277 MADISON PIKE	Kenton	045-10-00-027.00	Sanitary
HAMPTON EVALINE	277-B MADISON PIKE	Kenton	045-10-00-065.00	Sanitary
SHIRLEY SCOTT A	278 MADISON PIKE	Kenton	045-10-00-010.00	Sanitary
CABALLERO JORGE CORTEZ &	279 MADISON PIKE	Kenton	045-10-00-004.00	Sanitary
MEDLEY JASON H & MEDLEY JACKIE C	280 MADISON PIKE	Kenton	045-10-00-005.00	Sanitary
MARSH TIM J & HARTKE LEE W	280-A MADISON PIKE	Kenton	045-10-00-006.00	Sanitary
MARTIN TIMOTHY & MARTIN SANDRA A	281 MADISON PIKE	Kenton	045-10-00-011.00	Sanitary
BAKER DAVID RALPH	281-A MADISON PIKE	Kenton	045-10-00-031.00	Sanitary
DGS DEVELOPMENT LTD	282 MADISON PIKE	Kenton	045-10-00-030.01	Sanitary
ROBISON GEORGE J AND EDITH K	283 MADISON PIKE	Kenton	045-10-00-030.00	Sanitary
RILEY MICHAEL S	284 MADISON PIKE	Kenton	045-10-00-036.00	Sanitary
MCCOLLUM OLIVIA & STEPHEN J	284-A MADISON PIKE	Kenton	045-10-00-037.00	Sanitary
BERLING JAMES W	285 MADISON PIKE	Kenton	045-10-00-060.00	Sanitary
DEATON TROY RAY	286 MADISON PIKE	Kenton	045-10-00-026.00	Sanitary
DEATON TROY	286-A MADISON PIKE	Kenton	045-10-00-033.00	Sanitary
BERLING JAMES W	287 MADISON PIKE	Kenton	045-10-00-060.04	Sanitary
KENTON COUNTY FISCAL COURT	288 MADISON PIKE	Kenton	045-10-00-034.00	Sanitary
PALMER REX MORGAN & PALMER ANGELA	289 MADISON PIKE	Kenton	045-10-00-062.00	Sanitary
COMBS JOSEPHINE & TROY	290 MADISON PIKE	Kenton	045-10-00-032.00	Sanitary
KENTON COUNTY FISCAL COURT	291 MADISON PIKE	Kenton	045-10-00-032.01	Sanitary
2467 LEGENDS LLC	295 MADISON PIKE	Kenton	045-10-00-023.00	Sanitary
2467 LEGENDS LLC	297 MADISON PIKE	Kenton	045-10-00-023.03	Sanitary
PHILLIPS ANGELA J	302-C MADISON PIKE	Kenton	045-10-00-028.03	Sanitary
FRANKMAN MARILYN A	303 MADISON PIKE	Kenton	045-10-00-050.02	Sanitary
FRANKMAN JOHN JR & MARILYN	303 MADISON PIKE	Kenton	045-10-00-050.00	Sanitary
ROBINSON CRYSTAL & ROBINSON JENNIFER	305 PLEASURE ISLE DR	Kenton	045-10-00-028.00	Sanitary
ENGLAND CHARLES & KATHLEEN	305-A PLEASURE ISLE DR	Kenton	045-10-00-028.02	Sanitary
JENKINS CHERYL	306 PLEASURE ISLE DR	Kenton	045-10-00-013.00	Sanitary
SMITH ANASTASIA L	307 PLEASURE ISLE DR	Kenton	045-10-00-014.00	Sanitary
MAYO MARK A	308 PLEASURE ISLE DR	Kenton	045-10-00-015.00	Sanitary
DIEHL ALICE F	309 PLEASURE ISLE DR	Kenton	045-10-00-016.00	Sanitary
MURRAY OLGA I & HUGHES WAYNE ELLIOT	310 PLEASURE ISLE DR	Kenton	045-10-00-017.00	Sanitary
BARTON WILLIAM C & BILLIE D	311 PLEASURE ISLE DR	Kenton	045-10-00-012.00	Sanitary
BARTON WILLIAM C & BILLIE	311-A PLEASURE ISLE DR	Kenton	045-10-00-018.00	Sanitary
TRANSITIONS INCORPORATED	313 MADISON PIKE	Kenton	045-10-00-028.06	Sanitary
CKC PROPERTIES LLC	313 PLEASURE ISLE DR	Kenton	045-10-00-020.00	Sanitary
WORKS MARK D	315 PLEASURE ISLE DR	Kenton	045-10-00-019.00	Sanitary
MAYNARD MICHAEL	315-C PLEASURE ISLE DR	Kenton	045-10-00-029.02	Sanitary
PHILLIPS ANGELA J	315-D PLEASURE ISLE DR	Kenton	045-10-00-029.03	Sanitary
YEARY JEFF & YEARY AMY	316 MADISON PIKE	Kenton	045-10-00-074.00	Sanitary
ROBERTSON VIRGINIA	316 PLEASURE ISLE DR	Kenton	045-10-00-021.00	Sanitary
SHIRES WILLIAM	316-A PLEASURE ISLE DR	Kenton	045-10-00-025.00	Sanitary
PERKINS JENNIFER M	317 MADISON PIKE	Kenton	045-10-00-075.00	Sanitary
YEARY JASPER	318 MADISON PIKE	Kenton	045-10-00-076.00	Sanitary
FOSTER CHRISTINA M	321 MADISON PIKE	Kenton	045-10-00-066.00	Sanitary
KASSIS AND KASSIS INC	322 MADISON PIKE	Kenton	044-20-00-069.00	Sanitary
CKC PROPERTIES LLC	3443 RICHARDSON RD	Kenton	045-10-00-008.04	Sanitary
WORKS MARK D	400 PLEASURE ISLE DR	Kenton	045-10-00-023.00	Sanitary
LACHMANN JAMES S & JUDY A	4125 OLD MADISON PIKE	Kenton	044-20-00-056.00	Sanitary
MOORE DEVELOPMENT, LLC	4147 MADISON PIKE	Kenton	044-20-00-055.02	Sanitary
MOORE DEVELOPMENT, LLC	4147-AA MADISON PK	Kenton	044-20-00-055.01	Sanitary
BANKLUCK CHRISTIAN CHURCH	4150 MADISON PIKE	Kenton	044-20-00-070.00	Sanitary
BALDRIDGE HILDEGARD A & BALDRIDGE JR F D	4181 5TH RD	Kenton	044-20-00-067.00	Sanitary
WICK DAVID H	4710 FOWLER CREEK RD	Kenton	045-10-00-045.00	Sanitary
EUBANK JAMES T	5400 ROCKWOOD DR	Kenton	044-00-00-049.07	Sanitary
EUBANK JAMES T	5400 ROCKWOOD DR.	Kenton	044-00-00-049.01	Sanitary
EUBANK DAVID A & KIMBERLY L	5475 ROCKWOOD DR	Kenton	044-00-00-049.08	Sanitary
SCOTT FLOYD O	MADISON PIKE	Kenton	045-10-00-047.00	Sanitary
TRANSITIONS RECOVERY KY LLC	PLEASURE ISLE DR	Kenton	045-10-00-028.07	Sanitary

SOUTH PARK DRIVEWAY REPLACEMENT	BOORE DENALI KY OWNER LLC	2051-2053 MERIDIAN PL	Boone	047.00-05-011.00	Sanitary
	HAD LLC/O NEXUS PM LLC	1900 SANCTUARY PLACE DR	Boone	047.00-00-126.01	Sanitary

MCKEE	DREYER MICHAEL	311 43RD ST. E	Kenton	056-41-08-004.00	Sanitary
	STOVER CHARLES R	313 43RD ST. E	Kenton	056-41-08-005.00	Sanitary
	STANTON HOMES LLC	315 43RD ST. E	Kenton	056-41-08-006.00	Sanitary
	HALL TERESA M	317 43RD ST. E	Kenton	056-41-08-007.00	Sanitary
	ALSIP CHRISTOPHER & BERTHA	4307 MCKEE AV	Kenton	056-41-08-008.00	Sanitary

RESOLUTION

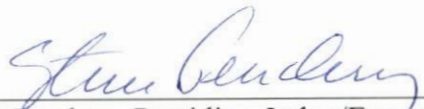
A RESOLUTION AUTHORIZING AND APPROVING THE FILING OF CONDEMNATION ACTIONS TO ACQUIRE THE PROPERTY INTERESTS DESCRIBED IN THE ATTACHED EXHIBIT "A" BY EMINENT DOMAIN IS HEREBY AUTHORIZED AND APPROVED.

NOW, THEREFORE, BE IT RESOLVED BY THE JUDGES/EXECUTIVE OF BOONE, CAMPBELL, AND KENTON COUNTIES:

1. That the filing of condemnation actions to acquire the property interests described in the attached Exhibit "A" by eminent domain is hereby authorized and approved.
2. That this Resolution shall be in full force and effect as passed and recorded according to law.

Passed: May 28, 2024

APPROVED:



Steve Pendery, Presiding Judge/Executive
County Judges Executive of Boone,
Campbell, and Kenton Counties

ATTEST:



Adam Chaney
SD1 Executive Director

Property Acquisition Listing FY 2025 as of 05/21/2024

Legend		PROPOSED, OWNER YET TO BE CONTACTED
		NEGOTIATING
		AGREED IN PRINCIPLE
		EASEMENT/PROPERTY ACQUIRED SINCE LAST MEETING
		AUTHORIZATION TO PROCEED GRANTED BY THE COURTS
		CONDEMNATION
		PROPERTY/EASEMENT NOT NEEDED

Project Title	Owner(s)	Property Address	County	PIDN	Type
3150 TAYLOR CREEK	SMITH JEROME L & KAY F	3149 TAYLOR CREEK DR	Campbell	057-20-00-090.04	Storm
	NEAL AMY L & BRIAN K	3150 TAYLOR CREEK DR	Campbell	057-20-00-090.05	Storm
	WALKER CHRISTINA L	3157 TAYLOR CREEK DR	Campbell	057-20-00-090.02	Storm
	BETTINSON TIMOTHY C &	3158 TAYLOR CREEK DR	Campbell	057-20-00-090.07	Storm
	PUGH ROBERT K & SHANNON	3161 TAYLOR CREEK DR	Campbell	057-20-00-090.01	Storm
	GJELUCI KLAUDIO & ANDREA C	3162 TAYLOR CREEK DR	Campbell	057-20-00-090.08	Storm
	GREGORY NICK & AMY	3165 TAYLOR CREEK DR	Campbell	057-20-00-100.54	Storm
	DAVIS SCOTT &	3166 TAYLOR CREEK DR	Campbell	057-20-00-100.55	Storm
	BANSCHBACH SAMUEL N &	3170 TAYLOR CREEK DR	Campbell	057-20-00-100.56	Storm
	LAYTART KIRK M & ERIN K	3173 TAYLOR CREEK DR	Campbell	057-20-00-100.52	Storm
	LEE GREGORY S & CASEY M	3174 TAYLOR CREEK DR	Campbell	057-20-00-100.57	Storm
	KNOCHMANN CARL B & THERESA	3177 TAYLOR CREEK DR	Campbell	057-20-00-100.51	Storm
	GARCIA MARIA & ZEIGLER JEREMY	3178 TAYLOR CREEK DR	Campbell	057-20-00-100.58	Storm
	KOETTING DAVID W & KRISTEN M	3181 TAYLOR CREEK DR	Campbell	057-20-00-100.50	Storm
	SCOTT BARRY C & ROGERS ANNE L	3182 TAYLOR CREEK DR	Campbell	057-20-00-100.59	Storm
	JELLISON KURT R	3185 TAYLOR CREEK DR	Campbell	057-20-00-100.49	Storm
	KOCH MARK A & KAREN T	3189 TAYLOR CREEK DR	Campbell	057-20-00-100.48	Storm
	VICKERY ADRIAN R & RAMONA P	3190 TAYLOR CREEK DR	Campbell	057-20-00-100.60	Storm
	WERNERT BRANDON M & AMY L	3193 TAYLOR CREEK DR	Campbell	057-20-00-100.47	Storm
	SPATA JOAN	3197 TAYLOR CREEK DR	Campbell	057-20-00-100.46	Storm
	ZIMMERMAN DAVID A & MELISSA R	3198 TAYLOR CREEK DR	Campbell	057-20-00-100.61	Storm
	GRASSO SUSAN M	3234 MCCOWAN DR	Campbell	057-20-01-103.00	Storm
	PETERS JULIE ANNE TRUSTEE	3333 MADISON PK STE C	Campbell	057-20-00-090.03	Storm
	BERLING CHARLES LAND CORP	3333 MADISON PK STE C	Campbell	057-20-00-090.06	Storm
	BERLING CONSTRUCTION CO	3333 MADISON PK STE C	Campbell	057-20-00-100.53	Storm
	ZIEGLER TODD A & KATHRYN M	6186 MAPLE RIDGE DR	Campbell	057-20-00-100.73	Storm
	FRANKS LEAHA A	6190 MAPLE RIDGE DR	Campbell	057-20-00-100.74	Storm
3462 REEVES DR	ROBERTS JOANN BIRKELUND &	3447 REEVES DR	Kenton	042-20-00-001.04	Storm
	CANNON PAULA K	3451 REEVES DR	Kenton	042-20-00-042.00	Storm
	WICKELHAUS GREGORY J &	3455 REEVES DR	Kenton	042-20-00-041.00	Storm
	KNOLLMAN MICHAEL P TRUSTEE	3459 REEVES DR	Kenton	042-20-00-040.00	Storm
	LONGSHORE THOMAS F & PAULA B	3462 REEVES DR	Kenton	042-20-00-012.00	Storm
	WOLNITZKE JEFFREY W TRUSTEE	3463 REEVES DR	Kenton	042-20-00-039.00	Storm
	SMITH BENJAMIN P &	3466 REEVES DR	Kenton	042-20-00-013.00	Storm
	COLLINS JANNA L & DAVID T	3467 REEVES DR	Kenton	042-20-00-038.00	Storm
	BRAMLAGE JR MICHAEL T &	3471 REEVES DR	Kenton	042-20-00-037.00	Storm
	REDMOND JOHN P & DIANA L	3475 REEVES DR	Kenton	042-20-00-036.00	Storm
34 KATHY LN	SLUGANTZ ERIC W &	3476 REEVES DR	Kenton	042-20-00-014.00	Storm
	MCDONALD JOSEPH & CHARLENE	24 KATHY LN	Campbell	999-99-14-783.00	Storm
	CLINKENBEARD JAS H & JANELLE D	30 KATHY LN	Campbell	999-99-12-920.00	Storm
	JOHNSTON DEBORAH	34 KATHY LN	Campbell	999-99-16-342.00	Storm
DRY CREEK MITIGATION BANK	MILLS COLLIER	60 MADONNA PL	Campbell	999-99-16-210.00	Storm
	CORPOREX PARKS OF KY	1360-A PACIFIC AVE	Kenton	002-00-00-005.00	Storm
35 BURNLEY LN, FT. THOMAS	THOMAS MORE COLLEGE	333 THOMAS MORE PKWY	Kenton	001-00-00-020.01	Storm
	MAUSHART LAWRENCE & MARY JO	35 BURNLEY LN	Campbell	999-99-14-751.00	Storm
	FORTY BURNLEY KY LLC	40 BURNLEY LN	Campbell	999-99-14-505.00	Storm
	WAGENLANDER RACHAEL M	41 BURNLEY LN	Campbell	999-99-16-564.00	Storm
599 ROGERS RD, VILLA HILLS	DILL RONALD J	48 BURNLEY LN	Campbell	999-99-13-199.00	Storm
	GRONECK KYLE ROBERT &	596 ROGERS RD	Kenton	002-30-01-040.00	Storm
	BROUSSARD JANE E	598 ROGERS RD	Kenton	002-30-01-042.00	Storm
	BLAZEJEWSKI JANUSZ L & KATHY	599 ROGERS RD	Kenton	002-30-01-026.00	Storm
	BURK III EDWARD J & PATTI C	607 ROGERS RD	Kenton	002-30-01-025.00	Storm
VINCENT DR	EGAN ROBERT M & PATRICIA H	619 ROGERS RD	Kenton	002-30-01-021.00	Storm
	MEYER RICHARD E & SANDRA R	724 VINCENT DR	Kenton	058-20-00-015.00	Storm
	DANIEL COLLEEN F	726 VINCENT DR	Kenton	058-20-00-045.00	Storm
	DABBELT JACQUELINE L	728 VINCENT DR	Kenton	058-20-00-044.00	Storm
	THUENEMAN PAULA J & DAVID W	730 VINCENT DR	Kenton	058-20-00-043.00	Storm
	RUST ALLEN D & ANITA M	732 VINCENT DR	Kenton	058-20-00-042.00	Storm
	GIBSON ROY L & MAUREEN E	734 VINCENT DR	Kenton	058-20-00-041.00	Storm
	WEBSTER CARL W & THERESA A	736 VINCENT DR	Kenton	058-20-00-040.00	Storm
	BRAUNWART THOMAS A	738 VINCENT DR	Kenton	058-20-00-039.00	Storm
	CLARY WILLIAM C & MONICA	740 VINCENT DR	Kenton	058-20-00-038.00	Storm
	DAVIS ROBERT J & TERESA L	742 VINCENT DR	Kenton	058-20-00-037.00	Storm
	WATERS KATHLEEN M	743 BONNIE DR	Kenton	058-20-00-055.00	Storm
	MARKSBERRY BILLY R & ELIZABETH	744 VINCENT DR	Kenton	058-20-00-036.00	Storm
	OBERST MARK W	744 BONNIE DR	Kenton	058-20-00-056.00	Storm
	ODONNELL PATRICK J & MARY S	748 VINCENT DR	Kenton	058-20-00-034.00	Storm
	FROMME JR THOMAS J &	750 VINCENT DR	Kenton	058-20-00-033.00	Storm
920 KYLES LN	CUNNINGHAM GERRY	935 KYLES LANE	Kenton	042-30-00-056.00	Sanitary
HORSEBRANCH RD	NASH RENTALS LLC	1 MEDICAL VILLAGE DR	Kenton	029-20-00-001.00	Sanitary
	CUNNINGHAM SR GERRY W &	667 HORSEBRANCH RD	Kenton	029-40-00-001.15	Sanitary
	THOMAS MORE CENTRE HEMMER	693 HORSEBRANCH RD	Kenton	029-40-00-001.11	Sanitary
	THOMAS MORE CENTRE HEMMER	701 HORSEBRANCH RD	Kenton	029-40-00-001.02	Sanitary
	PRESTON WALTER EDWARD TRUSTEE	110 19TH ST E	Kenton	055-14-24-020.00	Sanitary
	MANESS JEAN C	112 19TH ST E	Kenton	055-14-24-019.00	Sanitary

EXHIBIT

SD1-Pille000193

1903 GARRARD STREET	PATTON TAVIS CODY	1116 19TH ST E	Kenton	055-14-24-018.00	Sanitary
	FURNIER KIMBERLY S	1118 19TH ST E	Kenton	055-14-24-017.00	Sanitary
	ROSE ELIZABETH C	1816 SCOTT ST	Kenton	055-14-24-027.00	Sanitary
	HARDY CAROLYN & HUFFMAN LUCAS	1818 SCOTT ST	Kenton	055-14-24-026.00	Sanitary
	SMITH-ALDEN THOMAS C	1820-22 SCOTT ST	Kenton	055-14-24-025.00	Sanitary
	SHELTON MICHELLE D	1824 SCOTT ST	Kenton	055-14-24-024.00	Sanitary
	KOVERMAN KIMBERLY	1825 GREENUP ST	Kenton	055-14-24-016.00	Sanitary
	ROSS ZANE & CHRISTINA &	1826 SCOTT ST	Kenton	055-14-24-023.00	Sanitary
	MORRISON JOSEPH & MARY	1828 SCOTT ST	Kenton	055-14-24-022.00	Sanitary
	CARTER HARRY W & JULIA	1830 GREENUP ST	Kenton	055-32-02-032.00	Sanitary
	LOWE WILLA & HENRY	1903 GARRARD ST	Kenton	055-32-03-006.00	Sanitary
	DEAL ANTHONY W & NICOLE	1905 GARRARD ST	Kenton	055-32-03-007.00	Sanitary
	SCHIRTZINGER ALLISON VAUGHN	1906 GARRARD ST	Kenton	055-32-11-027.00	Sanitary
	COULSON ELIJAH	1907 DENVER ST	Kenton	055-32-11-005.00	Sanitary
	GEMMER-JONES SETHANIE J & GEMMER II STEVEN EARL	1908 GARRARD ST	Kenton	055-32-11-026.00	Sanitary
	CY DENVER LLC	1909 DENVER ST	Kenton	055-32-11-006.00	Sanitary
	HOUSLEY CHRISTAL MARIE	1910 GARRARD ST	Kenton	055-32-11-025.00	Sanitary
	DECKARD PROPERTIES LLC	1911 DENVER ST	Kenton	055-32-11-007.00	Sanitary
	COBBINS JOHN & CARLA	209 19TH ST E	Kenton	055-32-03-002.00	Sanitary
	HORNBACK ROSE A	210 19TH ST E	Kenton	055-32-02-031.00	Sanitary
	DIGHE MELINDA S &	212 19TH ST E	Kenton	055-32-02-030.00	Sanitary
	HOLMAN ZACHARY S &	214 19TH ST E	Kenton	055-32-02-029.00	Sanitary
	COLLINS JAMES PAUL	215 19TH ST E	Kenton	055-32-03-002.01	Sanitary
	216 E 19TH STREET LLC	216 19TH ST E	Kenton	055-32-02-028.00	Sanitary
	BOONE MICHAEL P &	217-223 19TH ST E	Kenton	055-32-03-003.00	Sanitary
BROMLEY CRESCENT SPRINGS CONVEYANCE PIPING PHASE II	BRYANT CHERYL M TRUSTEE	1715 HIGHWATER ROAD	Kenton	027-10-00-244.00	Sanitary
	SPENCER BETTY R	1795 ST. JOHNS ROAD	Kenton	027-20-05-014.05	Sanitary
	SPENCER JOSHUA C	1800 ST. JOHNS ROAD	Kenton	027-20-05-014.04	Sanitary
	TYRO CONSTRUCTION	1830 ST. JOHNS ROAD	Kenton	027-20-05-014.03	Sanitary
	MONHOLLEN DONALD R.	1840 ST. JOHNS ROAD	Kenton	027-20-05-014.02	Sanitary
	WRIGHT DOUGLAS A & ANGELA M	1850 ST. JOHNS ROAD	Kenton	027-20-05-014.01	Sanitary
	WRIGHT DOUGLAS A & ANGELA M	1856 ST. JOHNS ROAD	Kenton	027-20-05-014.00	Sanitary
	BETHEL BAPTIST CHURCH TRUSTEES	1862 ST. JOHNS ROAD	Kenton	027-20-05-015.00	Sanitary
	MARTIN JOHN T	1868 ST. JOHNS ROAD	Kenton	027-20-05-016.00	Sanitary
	MARTIN JOHN T	1901 AMSTERDAM ROAD	Kenton	027-20-05-017.00	Sanitary
	FELDMAN PATRICIA JANE	692 BROMLEY CRESCENT SPRINGS ROAD	Kenton	027-10-00-248.00	Sanitary
	EARLY CLINTON & JESSICA	701 BROMLEY CRESCENT SPRINGS ROAD	Kenton	027-10-00-245.00	Sanitary
	AKHP LLC	717 BROMLEY CRESCENT SPRINGS ROAD	Kenton	027-10-00-242.00	Sanitary
	AKHP LLC	719 BROMLEY CRESCENT SPRINGS ROAD	Kenton	027-10-00-241.00	Sanitary
	LIRD PROPERTIES LLC	771 BROMLEY CRESCENT SPRINGS ROAD	Kenton	027-10-00-233.00	Sanitary
NEWPORT FESTIVAL PARK CSO	NEWPORT CITY OF	E 3RD ST	Campbell	999-99-36-044.04	Sanitary
	CITY OF NEWPORT	E 3RD ST	Campbell	999-99-36-044.06	Sanitary
	CITY OF NEWPORT	E 3RD ST	Campbell	999-99-36-044.07	Sanitary
	NEWPORT CITY OF	E. 3RD ST	Campbell	999-99-36-044.08	Sanitary
	NEWPORT SOUTHBANK BRIDGE COM	E 3RD ST	Campbell	999-99-36-973.00	Sanitary
BELLEVUE RIVER FRONT CSO REDUCTION PHASE II	CITY OF NEWPORT	RIVERBOAT ROW	Campbell	999-99-36-949.73	Sanitary
	HARBOR GREENE CONDO ASSOC INC	FAIRFIELD AVE	Campbell	999-99-05-982.01	Sanitary
	BELLEVUE CITY OF	LAFAYETTE AVE	Campbell	999-99-05-982.00	Sanitary
	BELLEVUE HOUSING COMMISSION	100 FOOTE AVE.	Campbell	999-99-33-428.00	Sanitary
	BELLEVUE CITY OF	100 VAN VOAST AVE.	Campbell	999-99-06-093.00	Sanitary
	GRUNENWALD PAUL & BARBARA	201 EDEN AVE	Campbell	999-99-06-553.00	Sanitary
	GRUNENWALD PAUL & BARBARA	205 EDEN AVE	Campbell	999-99-07-819.00	Sanitary
	GRUNENWALD PAUL & BARBARA	207 EDEN AVE	Campbell	999-99-06-555.00	Sanitary
	GRUNENWALD PAUL & BARBARA	211 EDEN AVE	Campbell	999-99-07-060.00	Sanitary
	DIENER REBBECCA ANNE	213 EDEN AVE	Campbell	999-99-06-556.00	Sanitary
	GRUNENWALD PAUL & BARBARA	217 EDEN AVE	Campbell	999-99-06-728.00	Sanitary
	GRUNENWALD PAUL & BARBARA	219 EDEN AVE	Campbell	999-99-06-729.00	Sanitary
	BRICKING MARK	221 EDEN AVE	Campbell	999-99-06-097.00	Sanitary
	BRICKING MARK	225 EDEN AVE	Campbell	999-99-06-090.00	Sanitary
	BRICKING MARK	227 EDEN AVE	Campbell	999-99-06-095.00	Sanitary
	BOSCH RENTALS LLC	229 EDEN AVE	Campbell	999-99-06-061.00	Sanitary
	SPURLOCK JOHNNIE & HARRIETT M	233 EDEN AVE	Campbell	999-99-07-957.00	Sanitary
	BOSCH RENTALS LLC	235 EDEN AVE	Campbell	999-99-08-135.00	Sanitary
	BOGUSZEWSKI DAVID & SANDRA J	24 WASHINGTON AVE	Campbell	999-99-06-049.00	Sanitary
	WATERSEEDGE AT BELLEVUE	199-301 EDEN AVE	Campbell	999-99-07-925.00	Sanitary
	WATERSEEDGE AT BELLEVUE	303 EDEN AVE	Campbell	999-99-06-559.00	Sanitary
	BLUEGRASS AERIE #964 FOE/BELL TRUSTEES	411 FRANK BENKE WAY	Campbell	999-99-06-036.00	Sanitary
	BELLEVUE CITY OF	501 FRANK BENKE WAY	Campbell	999-99-07-592.00	Sanitary
	BELLEVUE CITY OF	LAFAYETTE AVE	Campbell	999-99-05-982.00	Sanitary
CENTRAL BOONE COUNTY SHAFT & FM PHASE I	MILLS CLINTON R	5120 BURLINGTON	Boone	018.00-00-010.04	Sanitary
	FELDBAUS JAMES D & LOUISE	4780 HAND	Boone	017.00-00-023.01	Sanitary
	NELSON JAMES	4790 HAND	Boone	017.00-00-023.09	Sanitary
	MCCORMICK COLLEEN A	4819 HAND	Boone	017.00-00-023.10	Sanitary
	TUCKER GARY L	4831 HAND	Boone	017.00-00-023.07	Sanitary
	TUCKER GARY L JR	4843 HAND RD	Boone	017.00-00-023.05	Sanitary
	FREEMAN LISA	4855 HAND RD	Boone	017.00-00-023.06	Sanitary
	LEGGE JEREMY A & KATHERINE E	4949 WOOLPER	Boone	017.00-00-008.05	Sanitary
	CHESLOCK MARK A	4951 HAND	Boone	017.00-00-023.14	Sanitary
	GIFFORD CLAUDE	4953 WOOLPER	Boone	017.00-00-023.03	Sanitary
	MY WAY FARMS LLC	5158 BURLINGTON PIKE	Boone	017.00-00-024.09	Sanitary
	WARNKE WILLIAM H JR & RHONDA JEAN GEBHAR	4899 HAND RD	Boone	017.00-00-023.08	Sanitary
	WARNKE WILLIAM H JR & RHONDA JEAN GEBHAR	4899 HAND RD Parcel B	Boone	017.00-00-023.13	Sanitary
	5002 BURLINGTON PIKE PROPERTIES LLC	5000-5004 BURLINGTON PK	Boone	017.00-00-025.00	Sanitary
	MILLS CLINTON R	5114 BURLINGTON PIKE	Boone	018.00-00-010.00	Sanitary
	VASILI BILL & PATRICIA	5240 BOTTS LN	Boone	017.00-00-024.00	Sanitary
CENTRAL BOONE COUNTY - PUMP STATION PHASE II	CLARKSTON MICHAEL & CONNIE	4166 ASHBY FORK RD	Boone	017.00-00-005.02	Sanitary
	KIRBY JAY & JULIE	4639 EASTON LANE	Boone	017.00-00-022.02	Sanitary
	HOPPIUS THOMAS	4923 WOOLPER RD	Boone	017.00-00-008.02	Sanitary
	POWELL STEVEN M & ANGELA R	4930 WOOLPER	Boone	017.00-00-022.03	Sanitary
	BURRIS GARY P	4883 WOOLPER RD	Boone	017.00-00-008.00	Sanitary
	WETHINGTON NANCY CAROL	103 KENTON ST	Kenton	003-40-11-036.00	Storm
	MULLINS MARIE F TRUSTEE	112 MAIN ST	Kenton	004-30-15-008.00	Storm
	MULLINS MARIE F TRUSTEE	115 MAIN ST	Kenton	003-40-07-023.00	Storm
	WINSTON ROSE MARY	118 KENTON ST	Kenton	003-40-07-011.00	Storm
	WEBB CHARLENE L	120 KENTON ST	Kenton	003-40-07-012.00	Storm
	UNITED CHRISTIAN VOLUNTEERS	13-15 KENTON ST	Kenton	003-40-11-040.00	Storm
	UNDEMAN LORI J	301 LYTLE AVE	Kenton	004-30-19-001.00	Storm
	STANTON HOMES LLC	303 LYTLE AVE	Kenton	004-30-19-010.00	Storm

MAPLE & LYTLE

GOINS EUGENE & CHEROKEE L	305 LYTLE AVE	Kenton	004-30-19-009.00	Storm
TESTER MARLIN K & MARY E	314 LYTLE AVE	Kenton	004-30-16-014.00	Storm
HOPPER BRYAN	316 LYTLE ST	Kenton	004-30-16-015.00	Storm
MORGAN VICTORIA & BRANDON	416 LYTLE AVE	Kenton	004-30-08-122.00	Storm
HAFFER H WAYNE & DONNA J	601-603 ORCHARD ST	Kenton	003-40-07-010.00	Storm
PEREZ JOSE & MIRIAM	602 ORCHARD ST	Kenton	003-40-06-009.00	Storm
REVERMAN JOHN M	604 ORCHARD ST	Kenton	003-40-06-010.00	Storm
HAFFER H WAYNE & DONNA J	605-607 ORCHARD ST	Kenton	003-40-07-009.00	Storm
CONNER TAMARA J	609 ORCHARD ST	Kenton	003-40-07-008.00	Storm
ARNOLD STORMY J	611 ORCHARD ST	Kenton	003-40-07-007.00	Storm
HOLEMAN BRIAN & BRITTANY	613 ORCHARD ST	Kenton	003-40-07-006.00	Storm
SPADA DEVON	615 ORCHARD ST	Kenton	003-40-07-005.00	Storm
BAYN JOANNA S & BRITTANY	624 WILLOW ST	Kenton	003-40-07-018.00	Storm
LITTLE LARRY C & DARLENE	628 WILLOW ST	Kenton	003-40-07-019.00	Storm
HEATH PAULA D	630 WILLOW ST	Kenton	003-40-07-020.00	Storm
COLE-WALSH TONYA L	632 WILLOW ST	Kenton	003-40-07-021.00	Storm
EVANS JR ROBERT J	634 WILLOW	Kenton	003-40-07-022.00	Storm
PIERCE JOSHUA WALTERMAN	635 WILLOW ST	Kenton	004-30-21-008.00	Storm
MULLINS MARIE F TRUSTEE	701-11 WILLOW ST	Kenton	004-30-19-002.00	Storm
ROSE JEREMY	714 MAPLE AVE	Kenton	004-30-19-008.00	Storm
MCCULLAH JOE & MARGARET	825 MAPLE AVE	Kenton	004-30-08-121.00	Storm
ELSMERE CITY OF	829 MAPLE AVE	Kenton	004-30-21-137.00	Storm

CLAY, DIVISION, ERLANGER

SILVERLAKE PROPERTIES LTD	106 W MAPLE AVE	Kenton	015-10-11-027.05	Storm
KOHL RITA M & DAVID G	117 CLAY ST	Kenton	015-10-02-014.00	Storm
WEBSTER GEORGE E &	117 DIVISION ST	Kenton	015-10-03-014.00	Storm
SCHLAGEL MICAH	119 CLAY ST	Kenton	015-10-02-013.00	Storm
CLARK ANITA L	121 LOCUST ST	Kenton	015-20-20-006.00	Storm
BAKER JR ROBERT D	122 CENTER ST	Kenton	015-10-02-020.00	Storm
PHINNEY CATHERINE E	133 CENTER ST	Kenton	015-20-11-003.00	Storm
HAMILTON DEBORAH SUE	134 CENTER ST	Kenton	015-10-02-021.00	Storm
HUTCHISON PEARL A & HELEN P	164 HAMMOCK RIDGE DR	Kenton	015-10-03-021.00	Storm
SMITH DEBORAH L	205 LOCUST ST	Kenton	015-20-20-005.00	Storm
SHIPP III JESSE R	2126 N WALWATOSA AVE	Kenton	015-10-03-015.00	Storm
PRICE JENA D	22 JULIA AVE	Kenton	015-10-02-015.00	Storm
STOECKLE DAVID G & MARY E	304 HIGHLAND AVE	Kenton	015-10-03-016.01	Storm
STOECKLE DAVID G & MARY E	304 HIGHLAND AVE	Kenton	015-10-03-016.04	Storm
DAWES JONATHAN & KRISTLE	3206 LAKE ST	Kenton	015-10-03-016.00	Storm
GODDARD CHRISTOPHER A	3210 LAKE ST	Kenton	015-10-03-017.00	Storm
GRAHAM KEVIN D & EADS OLIVIA &	3212 LAKE ST	Kenton	015-10-03-018.00	Storm
MEINER CLARENCE J & JOAN	3214 LAKE ST	Kenton	015-10-03-019.00	Storm
SELM THOMAS J & REBECCA J	3222 LAKE ST	Kenton	015-10-02-017.00	Storm
ERLANGER CITY OF	505 COMMONWEALTH AVE	Kenton	015-10-12-034.00	Storm
ERLANGER CITY OF	505 COMMONWEALTH AVE	Kenton	015-20-21-004.00	Storm
TAT INVESTMENTS LLC	7660 INDUSTRIAL RD	Kenton	015-10-12-033.00	Storm
NKH INVESTMENT LLC	7933 HEDGEWOOD CIR	Kenton	015-10-02-016.00	Storm

6 EDNA LANE

DUNCAN GRAHAM & POE ALYSHA	10 EDNA LN	Kenton	042-10-00-106.00	Storm
DOYLE JAMES R & JUSTINE N	107 ROSA AVE	Kenton	041-20-00-168.01	Storm
ACKLEY LAUREN ELISABETH &	109 ROSA AVE	Kenton	041-20-00-169.00	Storm
STEENKEN NOAH E	11 HENRY CLAY AVE W	Kenton	041-40-00-041.00	Storm
LONG MATTHEW & SARA	113 KYLES LN	Kenton	041-20-00-119.00	Storm
LONGHAUSER ROBERT A & EMELY	115 KYLES LN	Kenton	041-20-00-120.00	Storm
ROBERTS SHAWN & RANDALL-ROBERTS DENA	12 EDNA LN	Kenton	042-10-00-106.01	Storm
OTOOLE MATTHEW B	13 EDNA LN	Kenton	042-10-00-107.00	Storm
DENHAM JACK & LAWS RANDI	14 EDNA LN	Kenton	042-10-00-108.00	Storm
MCCAY KEVIN M	15 AUGUSTA AVE	Kenton	041-20-00-021.00	Storm
ROGERS NATHAN	15 EDNA LN	Kenton	042-10-00-109.03	Storm
SHEA BROOKE ALEXA &	15 HENRY CLAY AVE W	Kenton	041-40-00-043.00	Storm
JONES ZACHARY V & LINDSEY K.	16 ROSA AVE	Kenton	041-20-00-165.00	Storm
WEBER JAMES C & MARILYN M	17 AUGUSTA AVE	Kenton	041-20-00-022.00	Storm
GRIMES RICKY & KAREN D	17 HENRY CLAY AVE W	Kenton	041-40-00-045.00	Storm
BROWN JENNIFER N TRUSTEE	19 HENRY CLAY AVE W	Kenton	041-40-00-047.00	Storm
LANKHEIT JESSICA LEE	21 AUGUSTA AVE	Kenton	041-20-00-025.00	Storm
KISKER BENJAMIN &	21 HENRY CLAY AVE W	Kenton	041-40-00-049.00	Storm
GLAVIAN JESSICA LEE	23 AUGUSTA AVE	Kenton	041-40-00-027.00	Storm
STANLEY SAMUEL B & ERIN M	25 AUGUSTA AVE	Kenton	041-20-00-029.00	Storm
CHEAP CHRISTOPHER N	25 LAKE ST	Kenton	041-20-00-134.00	Storm
KREUTZJANS GEORGE	27 AUGUSTA AVE	Kenton	041-20-00-031.00	Storm
ECLIPSE PROPERTIES LLC	27 LAKE ST	Kenton	041-20-00-136.00	Storm
REINERSMAN JOHN J & JUDITH A	28 LAKE ST	Kenton	041-20-00-136.01	Storm
HOFFER JORDAN T	29 AUGUSTA AVE	Kenton	041-20-00-033.00	Storm
RIJWE ANDREW & ERIN	29 EDNA LN	Kenton	042-10-00-110.00	Storm
LAMPKE THOMAS G	3 HENRY CLAY AVE W	Kenton	041-40-00-035.00	Storm
PESSLER CLAIRE E & SCHREIBER JOHN T	31 AUGUSTA AVE	Kenton	041-20-00-035.00	Storm
ACKLEY NICHOLAS A & KEMP DANA C	33 AUGUSTA AVE	Kenton	041-20-00-036.00	Storm
METZGER WILLIAM & PATRICIA A	35 AUGUSTA AVE	Kenton	041-20-00-036.01	Storm
PRICE STEVEN T	5 HENRY CLAY AVE W	Kenton	041-40-00-037.00	Storm
MARTINEZ SUSANNE M & SERGIO T	6 EDNA LN	Kenton	042-10-00-104.00	Storm
STADLER THOMAS GREGORY	7 HENRY CLAY AVE W	Kenton	041-40-00-039.00	Storm
RENTROP TERRI & PETE	8 EDNA LN	Kenton	042-10-00-111.00	Storm
TOLL BRANDI S	9 EDNA LN	Kenton	042-10-00-105.00	Storm
JOHNS RONALD W & GLORIA	9 HENRY CLAY AVE W	Kenton	041-40-00-039.01	Storm
FT WRIGHT CITY OF	AUGUSTA AVE	Kenton	042-10-00-046.05	Storm
FT WRIGHT CITY OF	HIGHLAND PK	Kenton	042-10-00-270.01	Storm

KIMBERLY, INDEPENDENCE

BRANDENBURG GEORGE E &	4084 KIMBERLY DR	Kenton	017-20-00-227.00	Storm
ROSENACKER MARY T TRUSTEE	4086 KIMBERLY DR	Kenton	017-20-00-228.00	Storm
CRAIL FREDERICK J & SHARON C	4086 KIMBERLY DR	Kenton	017-20-00-229.00	Storm
LITTELL FRANK D & ELIZABETH	4088 ELIZABETH DR	Kenton	017-20-00-290.00	Storm
NANCE JEREMY	4088 KIMBERLY DR	Kenton	017-20-00-230.00	Storm
NANCE JEFFERY D	4089 ELIZABETH DR	Kenton	017-20-00-235.00	Storm
BYRD ELVIS & RILEY BONNIE J	4089 KIMBERLY DR	Kenton	017-20-00-209.00	Storm
CAYLOR DENNIS C	4090 KIMBERLY DR	Kenton	017-20-00-231.00	Storm
ELLIS NICHOLAS L & ALICE M	4092 ELIZABETH DR	Kenton	017-20-00-291.00	Storm
ISLER CLYDE R	4092 KIMBERLY DR	Kenton	017-20-00-232.00	Storm
WALKER CHRISTOPHER L & RACHEL	4093 ELIZABETH DR	Kenton	017-20-00-289.00	Storm
MORGAN MARK K & KATHERINE	4093 KIMBERLY DR	Kenton	017-20-00-208.00	Storm
PELSTRAING DANIEL V & KRISTY A	4094 KIMBERLY DR	Kenton	017-20-00-233.00	Storm
MARTIN GLEN	4096 KIMBERLY DR	Kenton	017-20-00-234.00	Storm
SALYER GERALD R & KAREN A	4097 ELIZABETH DR	Kenton	017-20-00-288.00	Storm
COOPER ANTHONY &	871 KIMBERLY PL	Kenton	017-20-00-236.00	Storm
ESPINOZA ARNOLD	874 INDEPENDENCE STATION RD	Kenton	017-20-00-286.00	Storm

BECKER WILLIAM & SANDRA	876 INDEPENDENCE STATION RD	Kenton	017-20-00-285.00	Storm
BROCOL PROPERTIES LLC	2013 MACKOY AVE	Kenton	055-32-04-007.00	Sanitary
FROMMET JACK A & JANICE	2015 MACKOY AVE	Kenton	055-32-04-008.00	Sanitary
GARCIA EDUARDO NICOLAS	2016 GREENUP ST	Kenton	055-32-04-104.00	Sanitary
WALD JOHN L & GOLDBIE J	2016 MACKOY AVE	Kenton	055-32-04-031.00	Sanitary
COVINGTON CITY OF	2018 GREENUP ST	Kenton	055-32-04-103.00	Sanitary
PERRY JOHN A	2019 GARRARD ST	Kenton	055-32-04-048.00	Sanitary
DUNAWAY KATHINA	2020 MACKOY AVE	Kenton	055-32-04-030.00	Sanitary
ABSOLUTE HOLDINGS LLC	2023 GARRARD ST	Kenton	055-32-04-049.00	Sanitary
GASTRIGHT STEPHEN &	2102 MARYLAND AVE	Kenton	055-32-04-071.00	Sanitary
SIMPSON ERIN	2107 MARYLAND AVE	Kenton	055-32-04-071.00	Sanitary
PHAM DAVID VAN	2109 MARYLAND AVE	Kenton	055-32-04-109.00	Sanitary
TUCKER JAS A & GOSNEY KATHY J	2111 MARYLAND AVE	Kenton	055-32-04-072.00	Sanitary
ELHOOD JAMIE M & ALEXANDER H	2113 MARYLAND AVE	Kenton	055-32-04-073.00	Sanitary
FLORENCE MARY C AKA	2115 MARYLAND AVE	Kenton	055-32-04-074.00	Sanitary
BARBLEY KRISTY FAYE &	2117 MARYLAND AVE	Kenton	055-32-04-075.00	Sanitary
KEENE RENTALS LLC	3001 21ST ST E	Kenton	055-32-04-065.00	Sanitary
BRUCE ROBERT W	3003 21ST ST E	Kenton	055-32-04-066.00	Sanitary
OSMC LLC	3005 21ST ST E	Kenton	055-32-04-067.00	Sanitary
WILSON HEATHER L	3007 21ST ST E	Kenton	055-32-04-068.00	Sanitary
SCHWARTZ ROBERT	3009 21ST ST E	Kenton	055-32-04-069.00	Sanitary
PAVILION AT KENTON	3113 21ST ST E	Kenton	055-32-04-070.00	Sanitary
PAVILION AT KENTON	401 20TH ST E	Kenton	055-32-17-012.00	Sanitary
ROUTT JAMIE BROGAN ET AL	BRENTWOOD PL	Campbell	999-99-12-692.01	Sanitary
FT THOMAS CITY OF	RIVER RD	Campbell	999-99-13-863.00	Sanitary
BEREJENA CHARLOTTE & FARIBAI	RIVER RD	Campbell	999-99-13-880.01	Sanitary
BEREJENA CHARLOTTE & FARIBAI	RIVER RD	Campbell	999-99-13-880.01	Sanitary
ROUTT JAMIE BROGAN ET AL	1110 BRENTWOOD PL	Campbell	999-99-12-692.00	Sanitary
VB ONE LLC	1118 BRENTWOOD PL	Campbell	999-99-16-092.00	Sanitary
EFGEN HOMES LLC	1120 BRENTWOOD PL	Campbell	999-99-14-694.00	Sanitary
RIXSON TIMOTHY J	1124 BRENTWOOD PL	Campbell	999-99-17-346.00	Sanitary
THOMAS ELIJAH PATRICK	1134 BRENTWOOD PL	Campbell	999-99-17-079.00	Sanitary
WHISMANN KIM ALAN	1138 BRENTWOOD PL	Campbell	999-99-12-271.01	Sanitary
FOUBERT MARTIN G	1142 BRENTWOOD PL	Campbell	999-99-12-271.03	Sanitary
CURTIN DANIEL J & ELLEN Z	1148 BRENTWOOD PL	Campbell	999-99-13-055.00	Sanitary
MONAHAN JASON	293 RIVER RD	Campbell	999-99-12-692.02	Sanitary
CHOLAKOV PETAR	301 RIVER RD	Campbell	999-99-15-345.00	Sanitary
STUART MATTHEW & ERIKA	309 RIVER RD	Campbell	999-99-16-092.01	Sanitary
WHISMANN KIM ALAN	333 RIVER RD	Campbell	999-99-12-271.02	Sanitary
FOUBERT MARTIN	341 RIVER RD	Campbell	999-99-13-039.07	Sanitary
DOWNIE ROBERT E & PAIGE L	343 RIVER RD	Campbell	999-99-13-039.07	Sanitary
HESTER NEAL M & AMANDA M	58 BRENTWOOD PL	Campbell	999-99-15-528.00	Sanitary
GREGORY & RHONDA HULL	323 PEGGY ANN LN, ALEXANDRIA	Campbell	999-99-26-545.00	Sanitary
JOHN & GAIL JEWELL	325 PEGGY ANN LN, ALEXANDRIA	Campbell	999-99-25-213.00	Sanitary
THOMAS HEIM	332 PEGGY ANN LN, ALEXANDRIA	Campbell	999-99-24-502.00	Sanitary
JACOB KOHLIS	333 PEGGY ANN LN, ALEXANDRIA	Campbell	999-99-23-996.00	Sanitary
TIMOTHY & STEPHANIE SNOW	3712 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-24-806.00	Sanitary
THOMAS LUTKENHOFF	3714 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-25-599.00	Sanitary
CHARLES & CAROL SHANKS	3718 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-26-505.00	Sanitary
TRACY BARTH	3720 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-25-784.00	Sanitary
JACOB KROGER	3724 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-25-437.00	Sanitary
BOBBIE WALTERS	3726 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-24-162.00	Sanitary
HAROLD CHANDLER	3728 JOYCE ANN LN, ALEXANDRIA	Campbell	999-99-24-510.00	Sanitary
STEVE MAYES	3729 JOYCE ANN LN	Campbell	999-99-25-677.00	Sanitary
KEVIN COMBS	3762 RIDGEWOOD CT, ALEXANDRIA	Campbell	999-99-24-189.00	Sanitary
CASSANDR MCQUILLAN	3766 RIDGEWOOD CT, ALEXANDRIA	Campbell	999-99-24-820.00	Sanitary
ANDREW GLICK	3758 RILEY RD, ALEXANDRIA	Campbell	999-99-24-115.00	Sanitary
HH&H	FOUR MILE RD, ALEXANDRIA	Campbell	999-99-27-741.00	Sanitary
KY TRANSPORTATION CABINET	FOUR MILE RD, ALEXANDRIA	Campbell	999-99-32-676.00	Sanitary
COVINGTON CITY OF	97H ST E	Kenton	054-23-28-001.00	Sanitary
KY TRANSPORTATION CABINET	W 6TH ST	Campbell	999-99-00-987.01	Sanitary
COVINGTON CITY OF	1020 PROSPECT ST	Kenton	054-42-07-012.00	Sanitary
KING KITT'S CONST LLC &	1026-28 PROSPECT ST	Kenton	054-42-07-011.00	Sanitary
DUKE ENERGY KENTUCKY INC	2228 OAKLAND AVE	Kenton	055-41-13-001.01	Sanitary
COVINGTON CITY OF	2231-39 OAKLAND AVE	Kenton	055-41-12-024.02	Sanitary
COVINGTON CITY OF	2234-42 EASTERN AVE	Kenton	055-41-14-007.00	Sanitary
COVINGTON CITY OF	2244 EASTERN AVE	Kenton	055-41-14-006.00	Sanitary
COVINGTON CITY OF	2300-32 EASTERN AVE	Kenton	055-41-14-006.01	Sanitary
COVINGTON INDEPENDENT SCHOOL	2718 JAMES AVE	Kenton	055-42-10-001.00	Sanitary
COVINGTON CITY OF	502 LEVASSOR PL	Kenton	055-41-14-001.01	Sanitary
MC DONALD KEVIN BRADLEY &	504 LEVASSOR PL	Kenton	055-41-14-001.00	Sanitary
ABNEY JEREMIAH J	506 LEVASSOR PL	Kenton	055-41-14-002.00	Sanitary
BURWICK KENDALL A &	508 LEVASSOR PL	Kenton	055-41-14-003.00	Sanitary
KERN RICHARD & SARA	516 LEVASSOR PL	Kenton	055-41-14-010.01	Sanitary
COVINGTON CITY OF	619 WALLACE AVE	Kenton	055-32-33-025.00	Sanitary
BONACCOLTO BRANDON	701 18TH ST E	Kenton	055-32-32-004.00	Sanitary
COVINGTON CITY OF	734 GARRARD ST	Kenton	054-23-27-001.00	Sanitary
SELLS KELLY	734 GARRARD ST	Kenton	054-23-27-002.00	Sanitary
WESTBANK PROPERTIES LLC	801 16TH ST E	Kenton	055-31-00-001.00	Sanitary
COVINGTON CITY OF	802 GREENUP ST	Kenton	054-23-30-002.00	Sanitary
COVINGTON CITY OF	902 GARRARD ST	Kenton	054-23-30-005.00	Sanitary
BONNIE L ELLISON	MAISON PK, COVINGTON	Kenton	042-40-00-085.00	Sanitary
VERRETT TS PORTFOLIO LLC	1009 EATON DR	Kenton	042-40-00-004.00	Sanitary
MORROW GRAVEL CO	1075 EATON DR	Kenton	042-40-00-003.00	Sanitary
CP LAND LLC	1996 HIGHLAND PK	Kenton	042-20-04-005.00	Sanitary
CHURCH & FAYE HOLDINGS	31 FAYE DR	Kenton	056-23-04-009.00	Sanitary
MOTHER OF GOD CEMETERY	3101 MADISON PIKE	Kenton	042-00-00-001.00	Sanitary
MAISON VIEW APARTMENTS LP	3220 MADISON PK	Kenton	042-30-00-060.00	Sanitary
COMMONWEALTH OF KY	3226 MADISON PK	Kenton	042-30-00-060.01	Sanitary
SARGENT TERRY R & SANDRA L	3230 MADISON PK	Kenton	042-30-00-064.00	Sanitary
FULMER TIMOTHY A	3232 MADISON PK	Kenton	042-30-00-063.00	Sanitary
SWEENEY NICHOLAS	3234 MADISON PK	Kenton	042-30-00-062.00	Sanitary
LANE JACK O & MYRNA A	3238 MADISON PK	Kenton	042-30-00-061.00	Sanitary
DANNY R & NEVA J FRANCIS	3278 MADISON PK	Kenton	042-30-00-042.00	Sanitary
COMMONWEALTH OF KY	3281 MADISON PK	Kenton	042-40-00-081.00	Sanitary
DAVID GLENN THOMAS	3284 MADISON PK	Kenton	042-30-00-041.00	Sanitary
DANIEL SCHULP	3288 MADISON PK	Kenton	042-30-00-040.00	Sanitary
MARY ADICK	3291 MADISON PK	Kenton	042-40-00-080.00	Sanitary

LUCKING RIVER TUNNEL/EQ SOLUTION

JOYCE ANN LANE

BRENTWOOD CIR

MACKOY, COVINGTON

KY CORRIDOR TUNNEL

3300 MADISON LLC	3300 MADISON PK	Kenton	042-30-00-037.00	Sanitary
GERRY & KATHLEEN CUNNINGHAM	3310 MADISON PK	Kenton	042-40-00-071.01	Sanitary
MIDDY I LLC	3312 MADISON PK	Kenton	042-40-00-071.00	Sanitary
MIDDY I LLC	3316 MADISON PK	Kenton	042-40-00-072.00	Sanitary
HYDEUGOUT LLC	3319 MADISON PK	Kenton	042-40-00-079.00	Sanitary
REECE DAMER	3324 MADISON PK	Kenton	042-40-00-073.00	Sanitary
PATRICK DANIEL FAGEL	3328 MADISON PK	Kenton	042-40-00-074.00	Sanitary
HIGHLAND LLC	3333 MADISON PK	Kenton	042-40-00-078.00	Sanitary
NATU G BHAKTA	3334 MADISON PK	Kenton	042-40-00-075.01	Sanitary
NATU G BHAKTA	3338 MADISON PK	Kenton	042-40-00-075.00	Sanitary
LIES PROPERTIES ONE LLC	3339 MADISON PK	Kenton	042-40-00-078.01	Sanitary
PS SOUTHEAST ONE INC	3350 MADISON PK	Kenton	042-40-00-076.01	Sanitary
TERRAZA 7 LLC	3352 MADISON PK	Kenton	042-20-04-003.02	Sanitary
WILLIAM W & PAMELA S HAMILTON	3353 MADISON PK	Kenton	042-40-00-068.00	Sanitary
ROBERT C & PAULINE HON	3361 MADISON PK	Kenton	042-40-00-067.00	Sanitary
ROSE & MICHAEL MERITT	3363 MADISON PK	Kenton	042-40-00-070.00	Sanitary
TRANSIT AUTHORITY OF NORTHERN KY	3375 MADISON PK	Kenton	042-40-00-010.00	Sanitary
KIMBERLY GRANNEMAN	3376 MADISON PK	Kenton	042-40-00-077.00	Sanitary
FORT WRIGHT HOLDINGS LLC	3380 MADISON PK	Kenton	042-20-04-006.00	Sanitary
JRCJ REAL ESTATE LLC	3385 MADISON PK	Kenton	042-40-00-011.00	Sanitary
CP LAND LLC	3388 MADISON PK	Kenton	042-20-04-004.00	Sanitary
WN HOLDINGS LLC	3391 MADISON PK	Kenton	042-40-00-002.03	Sanitary
AUTOZONE DEVELOPMENT LLC	3394 MADISON PK	Kenton	042-20-04-003.00	Sanitary
SPEEDWAY SUPERAMERICA LLC	3395 MADISON PK	Kenton	042-40-00-002.01	Sanitary
COMMONWEALTH OF KY	3401 MADISON PK	Kenton	042-40-00-002.09	Sanitary
UNITED DAIRY FARMERS INC	3410 MADISON PK	Kenton	042-20-00-083.05	Sanitary
FW LAND INC	3432 MADISON PK	Kenton	042-20-00-075.01	Sanitary
CFA FT WRIGHT LLC	3436 MADISON PK	Kenton	042-20-00-080.00	Sanitary
SHOPPES OF FT WRIGHT KY LLC	3445 VALLEY PLAZA PKWY	Kenton	043-00-00-026.11	Sanitary
INTERPLASTIC CORP	3535-A LATONIA AVE	Kenton	056-12-00-002.00	Sanitary
SIX PLAINS LLC	4314 BORON DR	Kenton	056-20-00-059.07	Sanitary
LUDLOW FAMILY PROPERTIES LLC	4343 BORON DR	Kenton	056-20-00-065.01	Sanitary
ACTION MINISTRIES	4375 BORON DR	Kenton	056-20-00-065.02	Sanitary
RIGSBY FAMILY HOLDINGS LLC	4395 BORON DR	Kenton	056-20-00-065.00	Sanitary
JOHN & LESLIE KROGER	4716 CHURCH ST	Kenton	056-23-03-080.20	Sanitary
VONDA SLOAN	4801 CHURCH ST	Kenton	056-23-03-080.02	Sanitary
BLAKE SELLMAN	4802 CHURCH ST	Kenton	056-23-03-080.03	Sanitary
PAUL & ANGELA RHODES	4804 CHURCH ST	Kenton	056-23-03-080.04	Sanitary
LAUREN BROWN	4807 CHURCH ST	Kenton	056-23-03-080.05	Sanitary
PAUL & ANGELA RHODES	4808 CHURCH ST	Kenton	056-23-03-080.27	Sanitary
VICKI EYERMAN	4809 CHURCH ST	Kenton	056-23-03-080.06	Sanitary
KENNETH & DONNA STRINKO	4816 CHURCH ST	Kenton	056-23-03-080.08	Sanitary
KENNETH & DONNA STRINKO	4820 CHURCH ST	Kenton	056-23-03-080.09	Sanitary
PAULINE HELTON TRUSTEE	4834 CHURCH ST	Kenton	056-23-03-080.07	Sanitary
BROADSTONE BER EAST LLC	489 ORPHANAGE RD	Kenton	043-00-00-023.01	Sanitary
MICHELLE BUGEL	4902 CHURCH ST	Kenton	056-23-03-080.10	Sanitary
RONALD & FAITH BROWN	4903 CHURCH ST	Kenton	056-23-04-010.00	Sanitary
JOSEPH FORSYTH	4904 CHURCH ST	Kenton	056-23-03-080.11	Sanitary
NICHOLAS BLEHA	4905 CHURCH ST	Kenton	056-23-04-011.00	Sanitary
DAVID DOEKER	4908 CHURCH ST	Kenton	056-23-03-080.12	Sanitary
RONALD NEFF	4909 CHURCH ST	Kenton	056-23-04-012.00	Sanitary
MICHAEL & CAROL MAXWELL	4910 CHURCH ST	Kenton	056-23-03-080.13	Sanitary
TED & BONNIE WILHAM	4911 CHURCH ST	Kenton	056-23-04-013.00	Sanitary
RICHARD & PHYLLIS MERMAN	4912 CHURCH ST	Kenton	056-23-03-080.17	Sanitary
JOHN & LINDA TURNER	4914 CHURCH ST	Kenton	056-23-03-080.18	Sanitary
EASTSIDE CHURCH OF THE NAZARENE INC	4915 CHURCH ST	Kenton	056-23-04-014.00	Sanitary
PHILIP LUCAS	4917 CHURCH ST	Kenton	056-23-04-015.00	Sanitary
RONALD STRINKO	4919 CHURCH ST	Kenton	056-23-04-016.00	Sanitary
ETHAN & LORI HATTENDORF	4920 CHURCH ST	Kenton	056-23-03-080.19	Sanitary
HENRY & PEGGY HULLEY	4922 CHURCH ST	Kenton	056-23-03-080.24	Sanitary
THERESA MOORE	4923 CHURCH ST	Kenton	056-23-04-017.00	Sanitary
NATIONAL RETAIL PROPERTIES LP	494 ORPHANAGE RD	Kenton	042-20-00-076.00	Sanitary
AB40 CORPORATION	499 ORPHANAGE RD	Kenton	043-00-00-024.00	Sanitary
DETERS COMPANY INC	499-B ORPHANAGE RD	Kenton	043-00-00-024.01	Sanitary
DUKE ENERGY KENTUCKY INC	500 BROOKS ST	Kenton	042-40-00-006.00	Sanitary
BROOKS MANAGEMENT LLC	HOWARD LITZLER RD	Kenton	056-20-00-059.09	Sanitary
SOHIO PETROLEUM CO	HOWARD LITZLER RD	Kenton	042-40-00-082.00	Sanitary
LITZLER PROPERTIES LLC	HOWARD LITZLER RD	Kenton	042-30-00-059.00	Sanitary
B P EXPLORATION & OIL CO INC	HOWARD LITZLER RD	Kenton	042-40-00-082.01	Sanitary
B P EXPLORATION & OIL CO INC	HOWARD LITZLER RD	Kenton	056-12-00-002.02	Sanitary
B P EXPLORATION & OIL CO INC	HOWARD LITZLER RD	Kenton	056-12-00-002.01	Sanitary
J & S LATONIA CENTRE KY LLC	4303 WINSTON AVE	Kenton	056-20-00-059.00	Sanitary

NEWPORT EQ

RIVERCHASE PROPERTIES LLC	200 COLUMBIA ST	Campbell	999-99-05-816.00	Sanitary
NEWPORT MUNICIPAL HOUSING	512-536 BRIGHTON ST	Campbell	999-99-35-810.02	Sanitary
HBR NEWPORT PROPERTIES	910 LOWELL ST	Campbell	999-99-03-738.00	Sanitary
NEWPORT MUNICIPAL HOUSING	BRIGHTON ST	Campbell	999-99-35-810.00	Sanitary
CITY OF NEWPORT	RIVERBOAT ROW	Campbell	999-99-38-272.00	Sanitary
T & D RENTAL LLC	526 W 6TH ST	Campbell	999-99-00-987.00	Sanitary

TAYLOR CREEK EQ

LANDMARK DRIVE LLC	103 LANDMARK DRIVE	Campbell	999-99-05-983.00	Sanitary
BELLEVUE VETS CLUB INC	24 FAIRFIELD AVE, BELLEVUE	Campbell	999-99-05-984.00	Sanitary
CITY OF BELLEVUE	25 FAIRFIELD AVE, BELLEVUE	Campbell	999-99-07-699.00	Sanitary
DR INN DR COMMONS INC	45 FAIRFIELD AVE, BELLEVUE	Campbell	999-99-33-423.00	Sanitary
90 RIVIERA HOLDINGS LLC	90 RIVIERA DR, BELLEVUE	Campbell	999-99-06-602.00	Sanitary
BELLEVUE RE LLC	95 RIVIERA DR, BELLEVUE	Campbell	999-99-07-594.00	Sanitary
NAHARIYA INVESTMENTS LLC	PATCHEN AVE	Campbell	999-99-05-982.09	Sanitary
BELLEVUE VETS CLUB INC	RIVIERA DR, BELLEVUE	Campbell	999-99-07-579.00	Sanitary

ROCKWOOD SSO

BARBARA ERPENBECK	3132 LOCUST HOLLOW LN	Kenton	030-30-00-321.00	Sanitary
THOMAS J SCHREIBER	100 FAIR OAKS LANE	Kenton	044-10-00-004.00	Sanitary
MARK HICKEY	1725 BULLOCK PEN RD	Kenton	044-00-00-008.00	Sanitary
MARVIN H EDWARDS	1780 BULLOCK PEN RD	Kenton	044-00-00-003.00	Sanitary
DENISE L & DENNIS J EMBRY	1811 BULLOCK PEN RD	Kenton	044-00-00-011.00	Sanitary
MICHAEL & LINDA KRUSE	1820 BULLOCK PEN RD	Kenton	044-00-00-009.00	Sanitary
JEREMY HUFFMAN	1840 BULLOCK PEN RD	Kenton	044-00-00-002.00	Sanitary
RICHARDSON REALTY LLC	1850 BULLOCK PEN RD	Kenton	044-00-00-013.00	Sanitary
RADALL S STORTZ	1870 BULLOCK PEN RD	Kenton	044-00-00-012.00	Sanitary
JEFF T MCCURRY	3053 BROOKWOOD CIR	Kenton	030-30-00-313.00	Sanitary
CEDRIC TOLLIVER JR	3059 BROOKWOOD CIR	Kenton	030-30-00-314.00	Sanitary
CHRISTOPHER WARD	3063 BROOKWOOD CIR	Kenton	030-30-00-315.00	Sanitary
JEROME MORGAND	3067 BROOKWOOD CIR	Kenton	030-30-00-316.00	Sanitary
RICHARD KOURY TRUSTEE	3111 LOCUST HOLLOW LN	Kenton	030-30-00-319.00	Sanitary
CHRIS & CARA BERLING	3238 RIDGETOP WAY	Kenton	030-40-02-106.00	Sanitary
MARY C SCHUTZMAN	3330 RIDGETOP WAY	Kenton	030-40-00-007.00	Sanitary
MARGARET LEE & ETHAN E MILLER	520 OAK RIDGE DR	Kenton	030-40-02-119.00	Sanitary
LAWRENCE BEITING	558 KINSELLA DR	Kenton	030-30-00-252.00	Sanitary

B

NICHOLAS & MOLLY HALE	560 KINSELLA DR	Kenton	030-30-00-253.00	Sanitary
ANDREW & EUZABETH KRALLMAN	561 COACHLIGHT DR	Kenton	030-30-00-228.00	Sanitary
JULIE WEBSTER	562 COACHLIGHT DR	Kenton	030-30-00-227.00	Sanitary
TIMOTHY A & LISA A MACKE	562 KINSELLA DR	Kenton	030-30-00-254.00	Sanitary
CHRISTOPHER REINEKE	563 SUTTER DR	Kenton	030-30-00-198.00	Sanitary
STEVEN I & JUDITH L PETERSON	564 KINSELLA DR	Kenton	030-30-00-255.00	Sanitary
DAVID & MARCIA STEINKER	564 SUTTER DR	Kenton	030-30-00-197.00	Sanitary
THOMAS J & MARY C SCHUTZMAN	567 VILLAGE DR	Kenton	030-30-00-115.00	Sanitary
CHRISTOPHER WARD	KINSELLA DR	Kenton	030-30-00-253.02	Sanitary
MARY C SCHUTZMAN	RIDGETOP WAY	Kenton	030-40-02-107.01	Sanitary
MARY C SCHUTZMAN	RIDGETOP WAY	Kenton	030-40-02-106.01	Sanitary

LRS - PHASE 8

BURKS TIMOTHY J REVOCABLE TRUST	111 CAROLINA AVE	Campbell	999-99-12-761.00	Sanitary
BAUSCH KIRSTEN	114 CAROLINA AVE	Campbell	999-99-12-374.00	Sanitary
SCHNEILL KAREN E & WILLIAM C REVOCABLE LI	115 CAROLINA AVE	Campbell	999-99-16-314.00	Sanitary
HEMMERLE ANDREW	118 CAROLINA AVE	Campbell	999-99-13-056.00	Sanitary
HUENEFELD MICHELLE DENISE	17 PATERSON PL	Campbell	999-99-12-762.00	Sanitary
ROHRER EDW G & ALMA S	25 LINDEN CT	Campbell	999-99-16-079.00	Sanitary
POMPLIO JANE W	40 KATHY LN	Campbell	999-99-15-795.00	Sanitary
TAYLOR RONALD C JR & KRISTA M	45 KATHY LN	Campbell	999-99-16-852.00	Sanitary
MCCARTER CHAD	51 VERNON LN E	Campbell	999-99-17-239.00	Sanitary
GODDARD ADAM	55 VERNON LN S	Campbell	999-99-13-571.00	Sanitary
RUTLEDGE ERICA	59 VERNON LN S	Campbell	999-99-13-585.00	Sanitary
DEMPSEY LOUIS A & LINDA S	63 VERNON LN S	Campbell	999-99-13-156.00	Sanitary
SCHMIDT RICHARD	67 VERNON LN S	Campbell	999-99-16-291.00	Sanitary
URLAGE JILL P	70 MADONNA PL	Campbell	999-99-15-155.00	Sanitary
DONOVAN JANE H	71 VERNON LN S	Campbell	999-99-13-017.00	Sanitary
HINEGARDNER CHARLES & LAURA	75 VERNON LN W	Campbell	999-99-14-487.00	Sanitary
TAYLOR RONALD C & SANDRA L	76 MADONNA PL	Campbell	999-99-16-302.00	Sanitary

EAST 36TH STREET AND PARK AVENUE - TUNNEL

INSBRUCKER MARK T	122 36TH ST E	Kenton	056-31-12-015.00	Storm
DRAKE LEIGH	204 36TH ST E	Kenton	056-31-14-007.00	Storm
DURSTOCK PAUL	207-09 36TH ST E	Kenton	056-32-13-002.00	Storm
SHELTON CRAIG W	208 36TH ST E	Kenton	056-31-14-008.00	Storm
CUTHBERT PATRICK N & JUDITH A	210 36TH ST E	Kenton	056-31-14-009.00	Storm
APPLEGATE LEAH F &	211 36TH ST E	Kenton	056-32-13-003.00	Storm
HAMILTON DENNIS B CO-TRUSTEE &	214 36TH ST E	Kenton	056-31-14-010.00	Storm
BOLTON TERRY & LORA	215 36TH ST E	Kenton	056-32-13-004.00	Storm
ASHFORD RHANNON & MARIE	218 36TH ST E	Kenton	056-31-14-011.00	Storm
HIGGINS PATRICIA L	220 36TH ST E	Kenton	056-31-14-012.00	Storm
KREMER KENNETH J &	222 36TH ST E	Kenton	056-31-14-013.00	Storm
ST MARKS EVANGELICAL CHURCH	224 38TH ST E	Kenton	056-32-14-009.00	Storm
MCINTOSH MARY E &	225 SOUTHERN AVE E	Kenton	056-32-14-007.00	Storm
SCHWIER SUSAN M & DANIEL & L	301 SOUTHERN AVE E	Kenton	056-32-20-001.00	Storm
THOMPSON PHILLIP R	303 GRANT CT	Kenton	056-32-19-001.00	Storm
MILLES JAMES E & THERESE L	304 SOUTHERN AVE E	Kenton	056-32-19-011.00	Storm
HOFFMANN DANIEL R TRUSTEE &	305 SOUTHERN AVE E	Kenton	056-32-20-002.00	Storm
BUNCH EMILY TRUSTEE	306 SOUTHERN AVE E	Kenton	056-32-19-011.00	Storm
LEOPOLD THERESA ANN	309 SOUTHERN AVE E	Kenton	056-32-20-003.00	Storm
KEENE RENTALS LLC	312 SOUTHERN AVE E	Kenton	056-32-19-010.00	Storm
MCDONALD GRANT L & VICKY	314 SOUTHERN AVE E	Kenton	056-32-19-009.00	Storm
FAETH ANTHONY & MICHELLE	316 SOUTHERN AVE E	Kenton	056-32-19-008.00	Storm
SCOTT GARNETTA	318 SOUTHERN AVE E	Kenton	056-32-19-007.00	Storm
NOIL PATRICIA ANN	3501 PARK AVE	Kenton	056-31-14-003.02	Storm
NOIL PATRICIA ANN	3507 PARK AVE	Kenton	056-31-14-003.01	Storm
DIOCESE OF COWINGTON	3601-07 LINCOLN AVE	Kenton	056-32-07-002.00	Storm
SISTERS DIVINE PROVIDENCE KY	3602 LINCOLN AVE	Kenton	056-32-13-001.00	Storm
BENSON SARA	3604 PARK AVE	Kenton	056-31-15-004.00	Storm
WEHRMAN KALA	3606 PARK AVE	Kenton	056-31-15-005.00	Storm
SAMAD LENA & JACOB	3608 PARK AVE	Kenton	056-31-15-006.00	Storm
GILLHAM LISA CURTISS	3610 PARK AVE	Kenton	056-31-15-007.00	Storm
GARY ALAYNA	3611 PARK AVE	Kenton	056-32-13-005.00	Storm
FINKE AIMEE & BILLY	3612 PARK AVE	Kenton	056-31-15-008.00	Storm
GREER SHAE M	3615 PARK AVE	Kenton	056-32-13-006.00	Storm
FULLER AARON & MEGAN	3617 PARK AVE	Kenton	056-32-13-007.00	Storm
BRINKMANN ANDREA F &	3621 PARK AVE	Kenton	056-32-13-008.00	Storm
EGBERS ZACHARIAH T	3624 PARK AVE	Kenton	056-32-13-013.00	Storm
GILLHAM LISA C	3625 PARK AVE	Kenton	056-32-13-009.00	Storm
HUGE HUMAN BRAIN PROPERTIES	3702 HUNTINGTON AVE	Kenton	056-32-23-001.00	Storm
KAVANAUGH DONALD W	3708 PARK AVE	Kenton	056-32-20-052.00	Storm
WATKINS DARRELL G &	3709 PARK AVE	Kenton	056-32-14-008.00	Storm
CHRISTMAN EMILY	3710 PARK AVE	Kenton	056-32-20-051.00	Storm
HENSLEY CAROLYN	3713 PARK AVE	Kenton	056-32-14-009.03	Storm
MORENO MANUEL HAROS	3712 PARK AVE	Kenton	056-32-20-050.00	Storm
BOGGS LINDA	3713 PARK AVE	Kenton	056-32-14-009.02	Storm
SPARKS MATTHEW T &	3714 PARK AVE	Kenton	056-32-20-049.00	Storm
ST MARKS UNITED CHURCH OF	3715 PARK AVE	Kenton	056-32-14-009.01	Storm
ANTROBUS DENISE	3716 PARK AVE	Kenton	056-32-20-048.00	Storm
ELDIH TARA SALAH	3718 PARK AVE	Kenton	056-32-20-047.00	Storm
FRY MARIA LYNN CO-TRUSTEE &	3720 PARK AVE	Kenton	056-32-20-046.00	Storm
SMITH AMBER K	3722 PARK AVE	Kenton	056-32-20-045.00	Storm
SULLIVAN RICHARD BRIAN	3800 PARK AVE	Kenton	056-32-20-044.00	Storm
HERZOG STEVEN R & JACQUELINE	3802 PARK AVE	Kenton	056-32-20-043.00	Storm
JSP PROPERTIES LLC	3803 PARK AVE	Kenton	056-32-15-006.00	Storm

RIVERPOINTE DRIVE
BASIN

TOWNE DEVELOPMENT GROUP LTD	RIVERPOINTE DR	Campbell	999-99-11-782.02	Storm
TOWNE DEVELOPMENT GROUP LTD	321 RIVERPOINTE DR	Campbell	999-99-11-782.01	Storm

DAYTON PIKE BASIN

DAYTON CITY OF	DAYTON PIKE	Campbell	999-99-11-982.00	Storm
RECORD HOWARD R	110 DAYTON PIKE	Campbell	999-99-09-821.00	Storm
BECKER LAWRENCE & CAROL A	114 DAYTON PIKE	Campbell	999-99-08-474.00	Storm
WEBER GLORIA J	116 DAYTON PIKE	Campbell	999-99-10-281.00	Storm
CLIFTON TROY	120 DAYTON PIKE	Campbell	999-99-09-721.00	Storm

GRANT PARK
DEVELOPMENT BASINS

GRANT PARK COMMUNITY ASSOCIATION INC	GRANT PARK DR	Campbell	999-99-08-702.77	Storm
GRANT PARK COMMUNITY ASSOCIATION INC	GRANT PARK DR	Campbell	999-99-08-702.00	Storm
HUNDEMER JESSICA	1029 MAPLE AVE	Campbell	999-99-08-440.00	Storm
FAIRVIEW RIDGE LINE LLC	1282 LOCUST AVE	Campbell	999-99-08-494.04	Storm

ASHLAND AVE BAPTIST CHURCH INC	2727-35 ASHLAND AVE	Kenton	056-11-06-009.00	Storm
RYLAND PROPERTIES LLC	2761 ALEXANDRIA AVE	Kenton	056-11-02-024.00	Storm
CUSICK INVESTMENT PROPERTIES	2762 ALEXANDRIA AVE	Kenton	056-11-05-019.00	Storm
MARTINI FAITH	2763 MELTON AVE	Kenton	056-11-05-017.00	Storm

JAMES AVENUE BASIN 1 - TANKS

CUTRIGHT SETH OWEN	2764 ALEXANDRIA AVE	Kenton	056-11-05-018.00	Storm
BLACKBURN CALES S	2764 DAKOTA AVE	Kenton	056-11-02-027.00	Storm
FOLTZ STEPHEN A	2764 LATONIA AVE	Kenton	056-11-01-029.00	Storm
CHILDRESS MICHAEL J	2765 ALEXANDRIA AVE	Kenton	056-11-02-025.00	Storm
PERKINS BRAD	2765 DAKOTA AVE	Kenton	056-11-01-028.00	Storm
MCGOHAN WILLIAM M &	2766 DAKOTA AVE	Kenton	056-11-02-026.00	Storm
SCHRAGE STEPHEN T	2802 LATONIA AVE	Kenton	056-11-03-001.00	Storm
ASHLAND AVE BAPTIST CHURCH INC	2806 ASHLAND AVE	Kenton	056-11-07-072.00	Storm
HEARTLAND ENTERPRISES LLC	2807 ABERDEEN AVE	Kenton	056-11-03-009.00	Storm
SALTO MAYRA	2808 ASHLAND AVE	Kenton	056-11-07-072.02	Storm
HURST THOMAS B & MARGIE	2810 ABERDEEN AVE	Kenton	056-11-06-037.00	Storm
VOGELPOHL JOHN L	2810 ASHLAND AVE	Kenton	056-11-07-071.00	Storm
MILEY STEPHEN A & KATHLEEN A	2815 ASHLAND AVE	Kenton	056-11-06-010.00	Storm
HAMILTON & HAMILTON	3017 28TH ST W	Kenton	056-11-03-008.00	Storm
MCINTYRE SYDNEY M	3019 28TH ST W	Kenton	056-11-03-007.00	Storm
HD PROPERTY DEVELOPMENT LLC	3021 28TH ST W	Kenton	056-11-03-006.00	Storm
DOUGLAS MARK E TRUSTEE	3023 28TH ST W	Kenton	056-11-03-005.00	Storm
BARCLAY BRIAN S & DARINA	3025 28TH ST W	Kenton	056-11-03-004.00	Storm
HEITZMAN LAWRENCE	3027 28TH ST W	Kenton	056-11-03-003.00	Storm
PARR CHSELSEA	3029 28TH ST W	Kenton	056-11-03-002.00	Storm

JAMES AVENUE BASIN 3 - TANKS

BEAL ANGELIQUE M	INDIANA AVE	Kenton	056-11-08-007.01	Storm
COVINGTON INDEPENDENT SCHOOL	INDIANA AVE	Kenton	056-13-02-155.00	Storm
COVINGTON CITY OF	MADISON AVE	Kenton	056-11-07-083.00	Storm
HOUSING AUTHORITY OF COVINGTON	2500 BENTON RD	Kenton	055-20-00-001.00	Storm
BURGESS DENNIS & KATHERINE	2702 ROSINA AVE	Kenton	056-11-08-015.00	Storm
CIULLA JR GARY WAYNE	2707 INDIANA AVE	Kenton	056-11-08-010.00	Storm
KARLSON CHRISTIE ANN	2709 INDIANA AVE	Kenton	056-11-08-009.00	Storm
ASHCRAFT RUSSELL E &	2710-12 INDIANA AVE	Kenton	056-13-02-154.00	Storm
CUMMINS DONNIE L & JOYCE ANN	2715 INDIANA AVE	Kenton	056-11-08-008.00	Storm
ASHCRAFT CAROL TRUSTEE	2716 INDIANA AVE	Kenton	056-13-02-163.00	Storm
BEAL ANGELIQUE M	2717 INDIANA AVE	Kenton	056-11-08-007.00	Storm
GARCIA RICARDO M &	2718 INDIANA AVE	Kenton	056-13-02-162.00	Storm
HALL MISTY L	2720 INDIANA AVE	Kenton	056-13-02-161.00	Storm
LIAN DONGYING	2721 INDIANA AVE	Kenton	056-11-08-006.00	Storm
BALDWIN GERALD L &	2723 INDIANA AVE	Kenton	056-11-08-005.00	Storm
GRIFFIS VIVIAN L	2723-29 BIRCH AVE	Kenton	056-13-02-023.00	Storm
KLING RICHARD B & GLADYS P	2724 INDIANA AVE	Kenton	056-13-02-160.00	Storm
UNDERHILL SHANE JOSEPH	2725 INDIANA AVE	Kenton	056-11-08-004.00	Storm
MARKSBERRY WALTER E & MARILYN	2726 INDIANA AVE	Kenton	056-13-02-159.00	Storm
STINSON JACOB R	2727 INDIANA AVE	Kenton	056-11-08-003.00	Storm
DEMOSS CATHERINE A	2729 INDIANA AVE	Kenton	056-11-08-002.00	Storm
CORMAN LAWRENCE & MARITA	2730 INDIANA AVE	Kenton	056-13-02-158.00	Storm
RIESENBERG LEONARD D & FRANCES	2731-37 INDIANA AVE	Kenton	056-11-08-001.00	Storm
STEFFEN LINDA A &	2732 INDIANA AVE	Kenton	056-13-02-157.00	Storm
WRIGHT WILLIAM H & KATHY L	2734 IOWA AVE	Kenton	056-13-02-019.00	Storm
BURNETTE ROBERT V & ALMA L	2734-36 INDIANA AVE	Kenton	056-13-02-156.00	Storm
DOANE KRISTIN M	2736 IOWA AVE	Kenton	056-13-02-018.00	Storm
RODRIGUEZ STEVE & NIKKI	2737 IOWA AVE	Kenton	056-13-02-017.00	Storm
MEYER MARANDA E & JONATHAN M	2801 INDIANA AVE	Kenton	056-13-01-001.00	Storm
HALL KELLI M & JOE R	2803 INDIANA AVE	Kenton	056-13-01-002.00	Storm
LOGAN JIM & VIRGIE	2805 INDIANA AVE	Kenton	056-13-01-003.00	Storm
COFFMAN CADEN J	2807 INDIANA AVE	Kenton	056-13-01-004.00	Storm
GRIFFITH KELLIE	2810 INDIANA AVE	Kenton	056-13-02-154.00	Storm
ECKERLE PAULA SUZANNE	2812 INDIANA AVE	Kenton	056-13-02-153.00	Storm
FOUST GLESON E & SHIRLEY	2814 INDIANA AVE	Kenton	056-13-02-152.00	Storm
WEBSTER KIMBERLEY SUE	2816 INDIANA AVE	Kenton	056-13-02-151.00	Storm
JAROS JUSTIN K	2818 INDIANA AVE	Kenton	056-13-02-150.00	Storm
CLARK JEFFERY R	2911 MADISON AVE	Kenton	056-13-02-001.00	Storm
BRESSLER LINDA M	2923 MADISON AVE	Kenton	056-11-08-011.00	Storm
KING JAMES P & CHRISTINA L	2925 MADISON AVE	Kenton	056-11-08-012.00	Storm
HERRERA JANIS K	2927 MADISON AVE	Kenton	056-11-08-013.00	Storm
JODI PROPERTIES	2929 MADISON AVE	Kenton	056-11-08-014.00	Storm
RODRIGUEZ TINA MARIE &	2939-41 MADISON AVE	Kenton	056-11-07-007.00	Storm
DOMINGUEZ ETELYVINA LOPEZ	2943 MADISON AVE	Kenton	056-11-07-006.00	Storm
WOLFORD ANNA	2945 MADISON AVE	Kenton	056-11-07-005.00	Storm
JACOB BEN SHOUSHAN LLC	2947 MADISON AVE	Kenton	056-11-07-004.00	Storm
LOCKABY CHARLES P	2951 MADISON AVE	Kenton	056-11-07-003.00	Storm
SCHULTZ CARRIE I	2953 MADISON AVE	Kenton	056-11-07-002.00	Storm
CKK PROPERTIES LLC	2979 MADISON AVE	Kenton	056-11-05-007.00	Storm
PETTY II JOS FYIS & SANDRA E	2983 MADISON AVE	Kenton	056-11-05-006.00	Storm
ALLEN MARGARET &	2985 MADISON AVE	Kenton	056-11-05-005.00	Storm
ARLINGHAUS CONTRACTING LLC	2989 MADISON AVE	Kenton	056-11-05-004.00	Storm
BRASCH JAMES A & AMY F	3097 BEECH AVE	Kenton	056-13-02-096.00	Storm
ACDEVITT NATHANIEL & SHANNON	3098 BEECH AVE	Kenton	056-13-02-095.00	Storm
BAMBERGER VICKI BRASCH &	3099 BEECH AVE	Kenton	056-13-02-097.00	Storm
RUNGE SHARON	3100 BEECH AVE	Kenton	056-13-02-094.00	Storm
SOWARD LAURA	3104 BEECH AVE	Kenton	056-13-02-092.00	Storm
ROSE III WILLIAM W	3105 BEECH AVE	Kenton	056-13-02-091.00	Storm
SALCHU CLAYTON	3106 BEECH AVE	Kenton	056-13-02-091.00	Storm
SCHWORE VONNIE	3108 BEECH AVE	Kenton	056-13-02-090.00	Storm
GRIFFIN DICEY	3110 BEECH AVE	Kenton	056-13-02-089.00	Storm
HILES D SCOTT	3111 BEECH AVE	Kenton	056-13-02-098.00	Storm
MIDDLETON JAMES	3112 BEECH AVE	Kenton	056-13-02-088.00	Storm
PELFREY TERRY L & ANNA M	3113 BEECH AVE	Kenton	056-13-02-100.00	Storm
RENGERING NICHOLAS & TINA	3114 BEECH AVE	Kenton	056-13-02-087.00	Storm
GOVAN SHAFONZ	3115 BEECH AVE	Kenton	056-13-02-101.00	Storm
ARIAN SILVA	3115.5 BEECH AVE	Kenton	056-13-02-101.01	Storm
NWOBI ROSELINE OYIBOKA	3116 BEECH AVE	Kenton	056-13-02-086.00	Storm
SMITH ASHLEY D	3117 BEECH AVE	Kenton	056-13-02-102.00	Storm
HERALD LAURA	3118 BEECH AVE	Kenton	056-13-02-085.00	Storm
HICKS NATALIE SUE	3119 BEECH AVE	Kenton	056-13-02-103.00	Storm
WILLIAMS TRICIA	3120 BEECH AVE	Kenton	056-13-02-084.00	Storm
KLEIN CHRISTOPHER J &	3121 BEECH AVE	Kenton	056-13-02-104.00	Storm
LUCARELLI PETER D & SHANNON N	3121 CLIFFORD AVE	Kenton	056-13-01-006.00	Storm
SHELTON ADAM RAY TRUSTEE	3122 BEECH AVE	Kenton	056-13-02-083.00	Storm
JONES JEFFERY L	3123 BEECH AVE	Kenton	056-13-02-105.00	Storm
SCHAFER ROBERT J & JENNIFER	3123 CLIFFORD AVE	Kenton	056-13-01-007.00	Storm
ADAIR ROACHELLE	3124 BEECH AVE	Kenton	056-13-02-082.00	Storm
LUCAS MARY D	3124 CLIFFORD AVE	Kenton	056-13-02-149.00	Storm
BOHMAN MATTHEW G	3125 BEECH AVE	Kenton	056-13-02-106.00	Storm
LEITH RYAN	3125 CLIFFORD AVE	Kenton	056-13-01-008.00	Storm
LUCKETT MATTHEW & LATONIA	3126 CLIFFORD AVE	Kenton	056-13-02-148.00	Storm

ANDERSON NORMA JEAN	3127 CLIFFORD AVE	Kenton	056-13-01-009.00	Storm
MOORE JUSTIN &	3128 CLIFFORD AVE	Kenton	056-13-02-147.00	Storm
STEFFEN CLAIBORNE J	3129 CLIFFORD AVE	Kenton	056-13-01-010.00	Storm
DUGGER DORIS	3130 CLIFFORD AVE	Kenton	056-13-02-146.00	Storm
ZETKO TERESA L & ANTHONY P	3132 CLIFFORD AVE	Kenton	056-13-02-145.00	Storm
POOLE II JOSEPH E &	3133 CLIFFORD AVE	Kenton	056-13-01-011.00	Storm
LOWRY CELINE A & KRAMER FRANK	3134 CLIFFORD AVE	Kenton	056-13-02-144.00	Storm
CLARK JEFF &	3135 CLIFFORD AVE	Kenton	056-13-01-012.00	Storm
TAYLOR MARK & HARCORN PEGGY A	3137 CLIFFORD AVE	Kenton	056-13-01-013.00	Storm
WEHRMEYER DOROTHY R	3138 CLIFFORD AVE	Kenton	056-13-02-143.00	Storm
HUTH MIRINDA M	3139 CLIFFORD AVE	Kenton	056-13-01-014.00	Storm
FSK RICKY & LINDA	3140 CLIFFORD AVE	Kenton	056-13-02-142.00	Storm
BEDINGHAUS MICHAEL & MARY D	3141 CLIFFORD AVE	Kenton	056-13-01-015.00	Storm
PRUSS JACOB ALAN	3142 CLIFFORD AVE	Kenton	056-13-02-141.00	Storm

JAMES AVENUE BASIN 5 - TANKS

KNOX DEBORAH	10 28TH ST E	Kenton	055-42-02-009.00	Storm
RAZAN PROPERTY LLC	102-12 30TH ST E	Kenton	055-42-04-011.03	Storm
FORD CHARLES R	103 30TH ST E	Kenton	056-31-07-011.00	Storm
NORTHERN LIGHTS PROPERTIES LLP	105 30TH ST E	Kenton	056-31-07-010.00	Storm
GROH WILLIAM R & DIAN M	109 30TH ST E	Kenton	056-31-07-009.00	Storm
DUNAWAY KATRINA A	111 30TH ST E	Kenton	056-31-07-008.00	Storm
RAZAN PROPERTY LLC	112 30TH ST E	Kenton	055-42-04-011.02	Storm
JSP PROPERTIES LLC	113 30TH ST E	Kenton	056-31-07-007.00	Storm
RAZAN PROPERTY LLC	114 30TH ST E	Kenton	055-42-04-010.00	Storm
CONRAD DON & CONRAD SELMA M &	115 29TH ST E	Kenton	055-42-04-008.00	Storm
RYAN JUSTIN	115 30TH ST E	Kenton	056-31-07-006.00	Storm
EVERSOLE TRACEY	116-24 31ST ST E	Kenton	056-31-07-019.00	Storm
CONRAD DON & CONRAD SELMA M &	117 29TH ST E	Kenton	055-42-04-008.01	Storm
CY DENVER LLC	117 30TH ST E	Kenton	056-31-07-005.00	Storm
MEIROVICI RICKY	119 30TH ST E	Kenton	056-31-07-004.00	Storm
KENTUCKY BUGS LLC	120-22 30TH ST E	Kenton	055-42-04-009.00	Storm
NOLL JOHN W & LYNNE	121 30TH ST E	Kenton	056-31-07-003.00	Storm
EVERSOLE TRACEY	121-23 31ST ST E	Kenton	056-31-08-002.00	Storm
ADVANTAGE BANK	123-25 30TH ST E	Kenton	056-31-07-002.00	Storm
SWISHER EMILY K &	13 29TH ST E	Kenton	055-42-04-007.00	Storm
GSE INC.	14-16 30TH ST E	Kenton	055-42-04-011.00	Storm
HAUSER ALICE	18 28TH ST E	Kenton	055-42-02-010.00	Storm
BOLTON GARY L & MICHELLE R	19-23 28TH ST E	Kenton	055-42-03-005.00	Storm
PANGALLO MARY	22 28TH ST E	Kenton	055-42-02-006.00	Storm
KUECHLER MATTIE L	20-24 29TH ST E	Kenton	055-42-03-009.00	Storm
UNKNOWN OWNER	25 28TH ST E	Kenton	055-42-03-006.00	Storm
BOLTON GARY L & MICHELLE R	27 28TH ST E	Kenton	055-42-03-007.00	Storm
MASTIN TYLER	3001 FRAZIER ST	Kenton	056-31-01-005.00	Storm
MARSHALL REGINA	3002 FRAZIER ST	Kenton	056-31-07-011.00	Storm
LINDENSCHMIDT LAURA	32-34 29TH ST E	Kenton	055-42-03-008.00	Storm
JESSE CONSULTING LLC	4 28TH ST E	Kenton	055-42-02-007.00	Storm
BREWER JESSE TRUSTEE	45294 28TH ST E	Kenton	055-42-03-001.00	Storm
GSE INC	45334 30TH ST E	Kenton	055-42-04-011.01	Storm
WAGNER CALEB J	5 28TH ST E	Kenton	055-42-03-002.00	Storm
VINEBROOK HOMES BORROWER 1 LLC	6 28TH ST E	Kenton	055-42-02-008.00	Storm
MERCER EDNA R &	7 28TH ST E	Kenton	055-42-03-003.00	Storm
KUECHLER MATTIE L	9 28TH ST E	Kenton	055-42-03-004.00	Storm

TWIN OAKS GOLF COURSE BASIN - TUNNEL

SIPPLE R MICHAEL & SUSAN M	38TH ST E	Kenton	056-34-03-001.00	Storm
WARKEN LINDSEY	3614 GLENN AVE	Kenton	056-32-26-015.00	Storm
MILLER JR JEFF W	3614 MYRTLE AVE	Kenton	056-34-01-010.00	Storm
BATSON BILLY BOB TRUSTEE	3615 GLENN AVE	Kenton	056-32-24-007.00	Storm
DAILEY BRETT & JESSICA	3617 MYRTLE AVE	Kenton	056-32-26-013.00	Storm
FARMER RICHARD J & EARLINE	3802 LESLIE AVE	Kenton	056-34-05-001.00	Storm
JAMES MATTHEW D	3802 TRACY AVE	Kenton	056-34-04-001.00	Storm
HARPER TERRI	3804 TRACY AVE	Kenton	056-34-04-015.00	Storm
BROWN CHRISTIAN A	3806 TRACY AVE	Kenton	056-34-04-014.00	Storm
KIRKMAN WILLIAM A & KIMBERLEY	3807 LESLIE AVE	Kenton	056-34-04-003.00	Storm
MCKEAN II JAMES E & PRISCILA	3808 TRACY AVE	Kenton	056-34-04-013.00	Storm
BROWNING FLORENTINE	3809-13 TRACY AVE	Kenton	056-34-03-003.00	Storm
KELLER STEVEN D	3817 TRACY AVE	Kenton	056-34-03-004.01	Storm
APPELMAN PROPERTIES LLC	3830 GLENN AVE	Kenton	056-32-28-009.00	Storm
WILSON STEVEN E	3833 GLENN AVE	Kenton	056-32-25-024.00	Storm
WOLLEN BRANDY C	3834 GLENN AVE	Kenton	056-32-28-010.11	Storm
BIGGS JESTON E	3837 GLENN AVE	Kenton	056-32-25-025.00	Storm
GLACKEN LUELLA K	3901 GLENN AVE	Kenton	056-32-25-026.00	Storm
CAIN MATILDA R	3901 TRACY AVE	Kenton	056-34-07-011.00	Storm
MENSER JEANETTE R	3902 GLENN AVE	Kenton	056-34-06-008.00	Storm
MONTGOMERY ELISE D	3902 TRACY AVE	Kenton	056-34-08-010.00	Storm
ADAMS SENA J	411 SOUTHERN AVE E	Kenton	056-32-25-003.00	Storm
JSP PROPERTIES LLC	413 SOUTHERN AVE E	Kenton	056-32-27-011.00	Storm
BLACK LOUIS	414 EARLE AVE	Kenton	056-34-03-005.00	Storm
SILER JUDY C	415 SOUTHERN AVE E	Kenton	056-32-27-010.00	Storm
FERRARA GARRETT D & MAGGIE	417 SOUTHERN AVE E	Kenton	056-32-27-009.00	Storm
BOWKAMP DAVID MATTHEW	418 SOUTHERN AVE E	Kenton	056-32-26-015.00	Storm
GLENN AMANDA	419 SOUTHERN AVE E	Kenton	056-32-27-008.00	Storm
ABELING MEGAN	420 SOUTHERN AVE E	Kenton	056-32-26-014.00	Storm
KITCHEN MOLLY &	421 SOUTHERN AVE E	Kenton	056-32-27-007.00	Storm
HAYES HAROLD D & MAE	423 SOUTHERN AVE E	Kenton	056-32-27-006.00	Storm
MC MILLIN KOREY A	425 SOUTHERN AVE E	Kenton	056-32-27-005.00	Storm
HINES JEREMIAH J & BROOKE K	501 SOUTHERN AVE E	Kenton	056-32-27-004.00	Storm
NELSON BRAYDEN	502 EARLE AVE	Kenton	056-34-04-012.00	Storm
LYKINS JAMIE & AMBER	598 38TH ST E	Kenton	056-34-02-005.00	Storm
GRODMS TONYA	600 38TH ST E	Kenton	056-34-02-004.00	Storm
JORDAN WILLIAM CARROLL	602 38TH ST E	Kenton	056-34-02-003.00	Storm
HARVEY MADISON LYNN	604 38TH ST E	Kenton	056-34-02-002.00	Storm
MILLER JEFF W &	606 38TH ST E	Kenton	056-34-02-001.00	Storm

PACKING UNLIMITED
BASIN

JOSHUA RAMOS	2426 WARREN ST	Kenton	055-23-09-031.00	Storm
JAMES BYRNE	2427 HERMAN ST	Kenton	055-23-09-013.00	Storm
ROCHELLE MOORE	2427 WARREN ST	Kenton	055-23-05-008.00	Storm
ANNA GREEN	2428 WARREN ST	Kenton	055-23-09-030.00	Storm
LESLIE JOINER	2429 WARREN ST	Kenton	055-23-05-009.00	Storm
DEBRA PADGETT	2431 HERMAN ST	Kenton	055-23-09-014.00	Storm
RONALD W & BETTY JO MOORE	2433 HERMAN ST	Kenton	055-23-11-020.00	Storm

SCHAWH H THOMAS & SHARON	153 21ST ST W	Kenton	055-14-08-006.00	Storm
STANTON HOMES LLC	201 21ST ST W	Kenton	055-23-02-017.00	Storm

22ND AND RUSSEL

JESSE CONSULTING LLC	2021-25 RUSSELL ST	Kenton	055-14-05-020.01	Storm
CCGP LLC	2028 RUSSELL ST	Kenton	055-14-06-030.01	Storm
TRINITY FINANCIAL SERVICES LLC	206-08 22ND ST W	Kenton	055-23-02-041.00	Storm
NEY CONNOR PATRICK	210 22ND ST W	Kenton	055-23-02-024.00	Storm
GUERRERO FLORINA	2105 RUSSELL ST	Kenton	055-23-02-018.00	Storm
CUPP DAVID J	2107 RUSSELL ST	Kenton	055-23-02-019.00	Storm
NEW SONYA R	2109 RUSSELL ST	Kenton	055-23-02-020.00	Storm
TURNER DORA & KENNETH	2111 RUSSELL ST	Kenton	055-23-02-021.00	Storm
SALMONS JR DAVID WAYNE	2113 RUSSELL ST	Kenton	055-23-02-022.00	Storm
FITZWATER DARBARA L	2115 RUSSELL ST	Kenton	055-23-02-023.00	Storm
SAFEGUARD MANAGEMENT LLC	212 22ND ST W	Kenton	055-23-02-025.00	Storm
HOMES BY HOUSE LLC	2122 HOWELL ST	Kenton	055-23-02-034.00	Storm
BRUSMAN CHRISTOPHER W	214 22ND ST W	Kenton	055-23-02-026.00	Storm
DIAMOND SHIRA	2202 HOWELL ST	Kenton	055-23-07-006.00	Storm
SEBASTIAN ADAM C	2203 HOWELL ST	Kenton	055-23-03-005.00	Storm
STRONGHAVEN INCORPORATED	2218 AUGUSTINE ST	Kenton	055-23-00-001.00	Storm
YORK EDWARD & JACQUELINE	304 22ND ST W	Kenton	055-23-02-028.00	Storm
EIFERT DAVID L	308 22ND ST W	Kenton	055-23-02-019.00	Storm
NICKERSON NATHAN	312 22ND ST W	Kenton	055-23-02-030.00	Storm
MILTBRAND JEAN	316 22ND ST W	Kenton	055-23-02-031.00	Storm
FORD MICHAEL A & MARILYN	317 22ND ST W	Kenton	055-23-07-002.00	Storm
SALLEE MARK	319 22ND ST W	Kenton	055-23-07-003.00	Storm
LOCKABY CHARLES P & RHONDA	321 22ND ST W	Kenton	055-23-07-004.00	Storm
VIL PROPERTIES LLC	323 22ND ST W	Kenton	055-23-07-005.00	Storm
BROWN DEREK B	324 22ND ST W	Kenton	055-23-02-032.00	Storm
GREEN MOUNTAIN CAPITAL LLC	326 22ND ST W	Kenton	055-23-02-033.00	Storm
BUMPPQ MGMT LLC	402 22ND ST W	Kenton	055-21-03-034.00	Storm

19TH & GLENWAY - TANKS

COVINGTON INDEPENDENT SCHOOL	MARYLAND AVE	Kenton	055-32-10-012.01	Storm
DUNN THOMAS & MARY	MARYLAND AVE	Kenton	055-32-12-001.00	Storm
SMITH SR STEPHEN A TRUSTEE	109 19TH ST E	Kenton	055-14-25-002.00	Storm
HAGAN AMANDA L	111 19TH ST E	Kenton	055-14-25-003.00	Storm
SCHROEDER MEGHAN	119-23 19TH ST E	Kenton	055-14-26-001.00	Storm
PATTEN ROSS T	1735 EASTERN AVE	Kenton	055-32-14-006.00	Storm
WILSON CAROL M	1736 EASTERN AVE	Kenton	055-32-18-007.00	Storm
DODSON LEAH & DONALD N	1802 EASTERN AVE	Kenton	055-32-19-001.00	Storm
SECURED DEVELOPMENT LLC	1803 EASTERN AVE	Kenton	055-32-15-001.00	Storm
KNOWLTON AIMEE	1806 OAKLAND AVE	Kenton	055-32-27-018.00	Storm
KM PROPERTY LLC	1808 OAKLAND AVE	Kenton	055-32-27-019.00	Storm
ECHERVEL CHACHI	1815 EASTERN AVE	Kenton	055-32-15-005.00	Storm
SVS HOME IMPROVEMENTS &	1828 GARRARD ST	Kenton	055-32-10-014.00	Storm
ABRAHAM SHIRET H TRUSTEE	1829 GARRARD ST	Kenton	055-32-02-023.00	Storm
BORKENHAGEN GREGORY P	1830 SCOTT ST	Kenton	055-14-24-021.00	Storm
HERNANDEZ JUVENTINO	1835 SCOTT ST	Kenton	055-14-19-002.00	Storm
BW PROPERTIES LLC	1837 SCOTT ST	Kenton	055-14-19-003.00	Storm
JACOB BEN SHOUSHAN LLC	1900 GREENUP ST	Kenton	055-32-03-001.00	Storm
AMOS BREWER COMPANIES LLC	1900-02 GARRARD ST	Kenton	055-32-11-001.00	Storm
SALAAH JABBAR A	1901 DENVER ST	Kenton	055-32-11-002.00	Storm
MORRIS JR ROGER R	1901 EASTERN AVE	Kenton	055-32-15-005.00	Storm
MONTOSH JOSHUA AARON &	1901 GARRARD ST	Kenton	055-32-03-005.00	Storm
STRADTMAN RICHARD D &	1901 GREENUP ST	Kenton	055-14-25-002.00	Storm
SHINING STARS LLC	1901 SCOTT ST	Kenton	055-14-19-004.00	Storm
LUPER BRIAN CONLIE &	1902 SCOTT ST	Kenton	055-14-25-001.00	Storm
LICKING RIVER CAFE LLC	1902-04 EASTERN AVE	Kenton	055-32-20-001.00	Storm
LEWINSKI EMILY MARIE	1904 SCOTT ST	Kenton	055-14-25-028.00	Storm
FUSON M JEANELLE	218 19TH ST E	Kenton	055-32-02-027.00	Storm
FUSON KELLY	220 19TH ST E	Kenton	055-32-02-026.00	Storm
OLVERA-VANCINI SERGIO & DAWN M	222 19TH ST E	Kenton	055-32-02-025.00	Storm
DEMING DORIS M & ROBERT C	224 19TH ST E	Kenton	055-32-02-024.00	Storm
SPAULDING RENOVATION &	225 19TH ST E	Kenton	055-32-03-004.00	Storm
ARENAS SERGIO	312 19TH ST E	Kenton	055-32-10-013.00	Storm
COVINGTON INDEPENDENT SCHOOL	314-34 19TH ST E	Kenton	055-32-10-012.00	Storm
BOYLE JOSEPH A & MARY C	328 DELMAR PL	Kenton	055-32-12-008.00	Storm
RESING REMODELING LLC	330 DELMAR PL	Kenton	055-32-12-007.00	Storm
GLASS ROBERT	332 DELMAR PL	Kenton	055-32-12-006.00	Storm
PEACE RONNIE L & NORMA	342 18TH ST E	Kenton	055-32-09-004.00	Storm
LEE MATTHEW & LEE TOSHA	401 19TH ST E	Kenton	055-32-16-001.00	Storm
KRATZER MIRANDA P	402 18TH ST E	Kenton	055-32-14-014.00	Storm
CAMPBELL JEFFREY	404 18TH ST E	Kenton	055-32-14-013.00	Storm
COVINGTON INDEPENDENT SCHOOL	404 19TH ST E	Kenton	055-32-15-007.00	Storm
SMITH MATTHEW	405 19TH ST E	Kenton	055-32-16-002.00	Storm
LYNCH WILLIAM R	406 18TH ST E	Kenton	055-32-14-012.00	Storm
SMITH HEATHER M	407 19TH ST E	Kenton	055-32-16-003.00	Storm
STELTENPOHL ANTHONY R	408 18TH ST E	Kenton	055-32-14-011.00	Storm
JOHNSON CHARLES M & LILLIAN	409 19TH ST E	Kenton	055-32-16-004.00	Storm
WILLIAMS ROBIN &	410 18TH ST E	Kenton	055-32-14-010.00	Storm
ZAMBORSKY TAYLOR ANN	410 19TH ST E	Kenton	055-32-15-006.00	Storm
VOLPENHEIN PHILIP J & KAREN S	412 18TH ST E	Kenton	055-32-14-009.00	Storm
PINK DAVIS M	413 18TH ST E	Kenton	055-32-15-008.00	Storm
HOCKER JANELLE S	414 18TH ST E	Kenton	055-32-14-008.00	Storm
HUTTON BILLY J	416 18TH ST E	Kenton	055-32-14-007.00	Storm
LOCKABY CHARLES	509 18TH ST E	Kenton	055-32-19-002.00	Storm
GARCIA BARBARA	509 19TH ST E	Kenton	055-32-20-002.00	Storm
KNAUL TIMOTHY	510 18TH ST E	Kenton	055-32-18-006.00	Storm
LEWIS CHRISTINA	510 19TH ST E	Kenton	055-32-19-013.00	Storm
MITCHELL ROBERT A	510-A 19TH ST E	Kenton	055-32-19-014.00	Storm
EVANS JEFFREY SCOTT &	511 18TH ST E	Kenton	055-32-19-003.00	Storm
THOMAS JOHN A	511 19TH ST E	Kentoo	055-32-20-003.00	Storm
MARKSBERRY JUDITH	512 18TH ST E	Kenton	055-32-18-005.00	Storm
KESSEN II CLYDE CHRISTOPHER	513 18TH ST E	Kenton	055-32-19-004.00	Storm
ENGELVAIN ALLISON R	513 19TH ST E	Kenton	055-32-20-004.00	Storm
CAMPBELL C FRANCIS	514 18TH ST E	Kenton	055-32-18-004.00	Storm
LEWIS CHRISTINA	514 19TH ST E	Kenton	055-32-19-012.00	Storm
HUELSMAN KYLE THOMAS &	515 18TH ST E	Kenton	055-32-19-005.00	Storm
BLUE DIAMOND PROPERTIES INC	515 19TH ST E	Kenton	055-32-20-005.00	Storm
COVINGTON LODGE #1	516 18TH ST E	Kenton	055-32-18-003.00	Storm
OGG YASHA M	516 19TH ST E	Kenton	055-32-19-011.00	Storm
MOELLERER JEANE L TRUSTEE	517 18TH ST E	Kenton	055-32-19-006.00	Storm
SOMMERS RYAN D	517 19TH ST E	Kenton	055-32-20-006.00	Storm
DAVIS CONOR P	519 18TH ST E	Kenton	055-32-19-007.00	Storm
BEDDIE JR PHILIP JAMES	519 19TH ST E	Kenton	055-32-20-007.00	Storm
CENTA JOANNE	520 19TH ST E	Kenton	055-32-19-010.00	Storm
BENNETT CARSON SCOTT	521 18TH ST E	Kenton	055-32-19-008.00	Storm

	POMFREY JESSICA M	521 19TH ST E	Kenton	055-32-20-008.00	Storm
	BECHTOLD WILLIAM J	522 19TH ST E	Kenton	055-32-19-009.00	Storm
	KASSELMAN SEAN D	523 19TH ST E	Kenton	055-32-20-009.00	Storm
	KLETTE RICHARD & BONNIE	601 18TH ST E	Kenton	055-32-27-017.00	Storm
	SHULL DEBBIE	602 18TH ST E	Kenton	055-32-26-013.00	Storm
	COVINGTON CITY OF	605-13 19TH ST E	Kenton	055-32-27-005.00	Storm
	METZGER CARLY	619 18TH ST E	Kenton	055-32-27-008.00	Storm
	NB HOLDINGS LLC	620 18TH ST E	Kenton	055-32-26-004.00	Storm
	RAHM III HENRY J	621 18TH ST E	Kenton	055-32-27-007.00	Storm
	TRANSITIONS INC	702 18TH ST E	Kenton	055-32-27-003.00	Storm
ALEXANDRIA PIKE	GARY AND CRYSTAL STEWART	38 WARREN CT	Campbell	999-99-15-639.00	Storm
	WHITE CARL TRUST	42 WARREN CT	Campbell	999-99-16-858.00	Storm
	COURTYARD PROPERTIES IV LLC	830 ALEXANDRIA	Campbell	999-99-15-862.00	Storm
ALEXANDRIA PIKE S.S. EXTENSION	ALEXANDRIA PIKE LLC	9626 9636 9646 ALEXANDRIA PIKE	Campbell	999-99-23-691.00	Sanitary
	BARONE DAVID T	9674 ALEXANDRIA PIKE	Campbell	999-99-23-635.00	Sanitary
	BRW PROPERTIES LLC	9722 ALEXANDRIA PIKE	Campbell	999-99-23-251.00	Sanitary
	MOCKBEE LANCE	9734 ALEXANDRIA PIKE	Campbell	999-99-22-954.00	Sanitary
	BROADUS CAPITAL INVESTMENTS LLC	9758 ALEXANDRIA PIKE	Campbell	999-99-23-573.01	Sanitary
KINSELLA	KYLE & HILDA LYONS	3033 MARYLOU CT	Kenton	030-30-00-273.00	Storm
	ERIC SCHNEIDER	3037 MARYLOU CT	Kenton	030-30-00-272.00	Storm
	MARIE HELLINGS & MEGAN CORNETT	3045 BROOKWOOD CIR	Kenton	030-30-00-311.00	Storm
	THOMAS GRADY	3049 BROOKWOOD CIR	Kenton	030-30-00-312.00	Storm
	OSBORNE JEFFREY D	561 KINSELLA DR	Kenton	030-30-00-267.00	Storm
	GOSCHKE KENT A & PAULA J	563 KINSELLA DR	Kenton	030-30-00-265.00	Storm
	TRAVERS SHAWN M & CULLEN R	565 KINSELLA DR	Kenton	030-30-00-265.00	Storm
	NICOLAS RUSSELL	566 KINSELLA DR	Kenton	030-30-00-256.00	Storm
HOWARD-ADELA	STULZ MARK A	329 HOWARD ST	Kenton	026-34-05-002.00	Storm
	STEINBORN KIMBERLY M	330 HOWARD ST	Kenton	026-34-04-011.00	Storm
	SCHWARTZ STEPHEN J	331 HOWARD ST	Kenton	026-34-05-001.00	Storm
	STULZ JR ROBERT	332 HOWARD ST	Kenton	026-34-04-012.00	Storm
1661 PARK ROAD, FT WRIGHT	BILL FINKE & SONS INC	1 AMSTERDAM RD	Kenton	041-10-04-038.01	Storm
	THE GROVE @ PARK ROAD CONDO	GROVE PARK DR	Kenton	041-20-00-241.01	Storm
	THE GROVE @ PARK ROAD CONDO	GROVE PARK DR	Kenton	041-20-00-241.02	Storm
	SCHULER CARL J & ANITA J	PARK RD	Kenton	041-10-06-008.01	Storm
	FISCHER ATTACHED HOMES III LLC	1183-1197 ORANGE BLOSSOM CT	Kenton	041-20-02-003.00	Storm
	DJCC RENTALS LLC	1417-19 VIDOT CT	Kenton	041-10-06-001.00	Storm
	DJCC RENTALS LLC	1421-23 VIDOT CT	Kenton	041-10-06-001.01	Storm
	TERLAU WILLIAM T	1426 VIDOT CT	Kenton	041-10-08-022.00	Storm
	FINKE WILLIAM G & MARILYN L	1502 AMSTERDAM RD	Kenton	041-10-04-039.00	Storm
	STORE MASTER FUNDING V LLC	1515 SLEEPY HOLLOW RD	Kenton	041-10-04-040.00	Storm
	KLAUS KAREN M & SCHULTZ C LUKE	1525 AMSTERDAM RD	Kenton	041-10-06-026.00	Storm
	AMSTERDAM PROPERTIES LLC	1528-30 AMSTERDAM RD	Kenton	041-10-04-037.00	Storm
	PFLUM JOSEPH F	1601 PARK RD	Kenton	041-10-06-025.00	Storm
	GANSBIRT SUSANNE D	1607 PARK RD	Kenton	041-10-06-022.00	Storm
	DRABICK ALICIA J	1609 PARK RD	Kenton	041-10-06-021.00	Storm
	ENZWEILER MITCHELL & KATHLEEN	1611 PARK RD	Kenton	041-10-06-020.00	Storm
	COLONEL ADAM L	1619 PARK RD	Kenton	041-10-06-006.00	Storm
	VEITH JOYCE H	1621 PARK RD	Kenton	041-10-06-006.01	Storm
	CHESTER JOHN W	1639-35 PARK RD	Kenton	041-10-06-028.00	Storm
	NOWLAND CLARK C	1637-39 PARK RD	Kenton	041-10-06-027.00	Storm
	BE HOLDINGS LLC	1640-42 PARK RD	Kenton	041-10-02-010.00	Storm
	STAMM LEO E & ETHEL	1647 PARK RD	Kenton	041-10-07-002.00	Storm
	SAUNDERS LARRY & VALERIE M	1651 PARK RD	Kenton	041-20-00-238.00	Storm
	BRITT CORY D	1658 PARK RD	Kenton	041-20-00-236.01	Storm
	LOOKOUT HGTS CIVIC CLUB INC	1661 PARK RD	Kenton	041-20-00-237.00	Storm
	LONNEMAN THOMAS C & PATRICIA	262-64 ST AGNES CIR	Kenton	041-10-06-004.00	Storm
	KRAMER JOHN A	266-68 ST AGNES CIR	Kenton	041-10-06-005.00	Storm
	HIGHVIEW MANAGEMENT LLC	270 ST AGNES CIR	Kenton	041-10-06-007.00	Storm
	DEMOS REBECCA A	295 ST AGNES CIR	Kenton	041-10-07-003.00	Storm
	HANKS BARRY M & TERESA L	298 ST AGNES CIR	Kenton	041-10-06-015.00	Storm
	O'CONNOR DANIEL THOMAS &	301 BIRCHWOOD DR	Kenton	041-10-03-007.00	Storm
	CLARK AMY LYNN	301 HAZELWOOD DR	Kenton	041-10-02-009.00	Storm
	BRIDGEMAN WILLIAM & KYLIE	301 REDWOOD DR	Kenton	041-10-01-024.00	Storm
	THAMAN LEAH	302 BIRCHWOOD DR	Kenton	041-10-05-010.00	Storm
	VILLANUEVA BRADLEY JOE &	302 HAZELWOOD DR	Kenton	041-10-03-009.00	Storm
L AVENUE, FT MITCHELL	JOHNSON KEITH W & MARGARET S	1 PRINCETON AVE	Kenton	028-20-18-011.00	Storm
	DHP-FT MITCHELL LLC	11 SUNNYMEDE DR	Kenton	028-20-08-015.00	Storm
	BURNS KEVIN E & PATRICIA A	10 SUPERIOR DR	Kenton	028-40-02-025.00	Storm
	RETTIG THOMAS E & GAIL T	100 GREENBRIAR AVE	Kenton	028-30-03-014.00	Storm
	CAREY CYNTHIA S & JOHN S	11 CORNELL AVE	Kenton	028-20-00-073.00	Storm
	AYRES DAVID W & ALISSA	11 SUNNYMEDE DR	Kenton	028-20-00-758.00	Storm
	SCHULTE CARLA &	12 SUPERIOR DR	Kenton	028-40-02-026.00	Storm
	GRUNKEMEYER MATTHEW TRUSTEE &	120 SEVILLE CT	Kenton	028-10-11-055.00	Storm
	LEMKER MICHAEL C & CATHERINE T	14 SUPERIOR DR	Kenton	028-40-02-027.00	Storm
	BAUER CHRIS C & LAURA B	15 SUPERIOR DR	Kenton	028-20-00-864.00	Storm
	BUCKLEY M JOAN	16 SUPERIOR DR	Kenton	028-40-02-028.00	Storm
	TRUITT CHARLES R & ARLENE V	18 SUPERIOR DR	Kenton	028-40-00-903.00	Storm
	MILLER CATHERINE R & JOSHUA C	2 PRINCETON AVE	Kenton	028-20-19-008.00	Storm
	HILDEBRANT JASON & LEAH	20 SUPERIOR DR	Kenton	028-40-00-902.00	Storm
	DUNCAN DEREK R & ERIN	22 SUPERIOR DR	Kenton	028-40-00-901.00	Storm
	LEE ALLEN CHARLES & MARCENE	23 PLEASANT RIDGE AVE	Kenton	028-40-02-009.00	Storm
	PILLE ROBERT W & DEBORAH L	2424 DIXIE HWY	Kenton	028-40-02-021.00	Storm
	FT MITCHELL CITY OF	2450 DIXIE HWY	Kenton	028-40-03-004.00	Storm
	WARD MYRNA J	2457 DIXIE HWY	Kenton	028-40-04-020.00	Storm
	CUMMINGS MICHAEL D	2465 DIXIE HWY	Kenton	028-40-05-025.00	Storm
	4K PROPERTY HOLDINGS LLC	25 PLEASANT RIDGE AVE	Kenton	028-40-02-008.00	Storm
	HAUGHEY STEPHEN N & PATRICIA A	27 PLEASANT RIDGE AVE	Kenton	028-40-02-007.00	Storm
	VULHOP EDWARD W & VIRGINIA	29 PLEASANT RIDGE AVE	Kenton	028-40-02-006.00	Storm
	DAVIDSON ROSA TRUSTEE	3 CORNELL AVE	Kenton	028-20-19-009.00	Storm
	BRINK ROBERT H & GRACE	3 SUNNYMEDE DR	Kenton	028-20-08-014.00	Storm
	BUCKLEY RUTH M &	3 SUPERIOR DR	Kenton	028-40-03-001.00	Storm
	JOHNSON EMILY R & JAY R	30 PLEASANT RIDGE AVE	Kenton	028-40-01-046.00	Storm
	YONDER HOLDINGS LLC	31 PLEASANT RIDGE AVE	Kenton	028-40-02-005.00	Storm
	MAHONEY SEAN J &	32 PLEASANT RIDGE AVE	Kenton	028-40-01-047.00	Storm
	HILS MICHAEL J & BETH L	33 PLEASANT RIDGE AVE	Kenton	028-40-00-904.00	Storm
	HOERLEIN JOHN M & JO ANN	39 BURNSALL AVE	Kenton	028-40-01-012.00	Storm
	RENNKAMP AMY L	4 CORNELL AVE	Kenton	028-40-03-002.00	Storm

4 CORNEL

MERTEN RANDY TRUSTEE	4 SUNNYMEDE DR	Kenton	028-20-00-872.00	Storm
MATRACIA VINCENT A & AMBER R	4 SUPERIOR DR	Kenton	028-40-02-022.00	Storm
HENDERSON BRIAN W & HEATHER	41 BURDSALL AVE	Kenton	028-40-01-011.00	Storm
MARTIN ELISABETH ANNA	43 BURDSALL AVE	Kenton	028-40-01-010.00	Storm
SMART PATRICK A & DEBORAH K	45 BURDSALL AVE	Kenton	028-40-01-009.00	Storm
WU JIN & HUANG LIHUA	48 BURDSALL AVE	Kenton	028-40-07-053.00	Storm
BERRY MARK	48A BURDSALL AVE	Kenton	028-40-07-053.01	Storm
POWELL RONALD S & KATHLEEN	49 BURDSALL AVE	Kenton	028-40-01-008.00	Storm
STEGMAN JEROME F & JOHANNA M	5 CORNELL AVE	Kenton	028-20-19-010.00	Storm
MOONEY ERIC & LAURA	5 SUNNYMEDE DR	Kenton	028-20-08-013.00	Storm
POWELL RONALD S & KATHLEEN	50-52 BURDSALL AVE	Kenton	028-40-07-054.00	Storm
SPANGLER RAY M & JUANITA	51 BURDSALL AVE	Kenton	028-40-01-007.00	Storm
HOFFMAN GEORGE R & MARGARET	54 BURDSALL AVE	Kenton	028-40-07-055.00	Storm
DALLAS JENNA M	55 THOMPSON AVE	Kenton	028-40-07-001.00	Storm
THOMPSON STREET HOLDINGS LLC	56 THOMPSON AVE	Kenton	028-40-08-042.02	Storm
HORNER MARTIN R & SARAH S	57 THOMPSON AVE	Kenton	028-10-13-006.00	Storm
FT MITCHELL CITY OF	58 THOMPSON AVE	Kenton	028-10-11-001.00	Storm
ATMORE THOMAS WALDEN &	59 THOMPSON AVE	Kenton	028-10-13-005.00	Storm
PAULY ROBERT & BRENDA	6 CORNELL AVE	Kenton	028-40-03-003.00	Storm
ARLINGHAUS DONNA R & CALEB J	6 SUPERIOR DR	Kenton	028-40-02-023.00	Storm
DITTOE ROBERTA M	7 CORNELL AVE	Kenton	028-20-19-011.00	Storm
WITTHROW JENNIFER L	7 SUNNYMEDE DR	Kenton	028-20-00-756.00	Storm
ARLINGHAUS ALIA & NATHAN	8 SUPERIOR DR	Kenton	028-40-02-024.00	Storm
GALLAGHER EDW L &	9 CORNELL AVE	Kenton	028-20-00-875.00	Storm
JONES ROBERT M	9 SUNNYMEDE DR	Kenton	028-20-00-757.00	Storm
HYDE CHARLES J & THERESA Q	95 GREENBRIAR AVE	Kenton	028-30-03-015.00	Storm

33 TREMONT

HOLLOWAY MARK D	106 CAROLINA AVE	Campbell	999-99-14-768.00	Storm
MCCASIN ROBERT B	110 CAROLINA AVE	Campbell	999-99-15-163.00	Storm
MEIER PHILLIP S	13 LINDEN CT	Campbell	999-99-13-619.00	Storm
CRAWFORD KAREN E	14 CAROLINA AVE	Campbell	999-99-14-248.00	Storm
OEHLER MICHAEL D	17 LINDEN CT	Campbell	999-99-12-919.00	Storm
WILSHIRE S GORDON & KRISTINE G	18 CAROLINA AVE	Campbell	999-99-17-343.00	Storm
BULLER LIVING TRUST	2 CAROLINA AVE	Campbell	999-99-13-094.00	Storm
MARTIN DANIEL T	21 LINDEN CT	Campbell	999-99-13-583.00	Storm
GEIGER JUSTIN	33 TREMONT AVE	Campbell	999-99-13-110.00	Storm
PRATHER DONALD & LINDA	34 TREMONT AVE	Campbell	999-99-13-352.00	Storm
SCHILL DANIEL M & REBECCA M	37 TREMONT AVE	Campbell	999-99-12-592.00	Storm
ROLF THOMAS ALAN	38 TREMONT AVE	Campbell	999-99-16-090.00	Storm
GREIS DONALD F & OSULLIVAN MAU	49 LINDEN AVE	Campbell	999-99-12-218.00	Storm
BARRETT LISA V	50 LINDEN AVE	Campbell	999-99-16-707.00	Storm
WARD ASHLEY L & VIRG C	56 LINDEN AVE	Campbell	999-99-17-147.00	Storm
MEYER FRANK H & ANN D	69 LINDEN AVE	Campbell	999-99-13-089.00	Storm
HUSEMAN BRIAN E & LINDA M	7 LINDEN CT	Campbell	999-99-12-279.00	Storm

CAROL DRIVE

CBD PROPERTIES LLC	5623 TAYLOR MILL RD, TAYLOR MILL	Kenton	058-40-00-133.00	Storm
THOMAS & HEATHER WILSON	5627 TAYLOR MILL RD, TAYLOR MILL	Kenton	058-40-00-001.00	Storm
MEGAN HUESER	5635 TAYLOR MILL RD, TAYLOR MILL	Kenton	058-40-00-115.00	Storm
CATCHEN HOLDING INC	5645 TAYLOR MILL RD, TAYLOR MILL	Kenton	058-40-00-129.00	Storm
BILLIE & MICHAEL GRANT	713 CAROL DR, TAYLOR MILL	Kenton	058-40-00-140.00	Storm
NICHOLAS & JULIAN KATHMAN	715 CAROL DR, TAYLOR MILL	Kenton	058-40-00-141.00	Storm
TERRI GOSNEY	729 CAROL DR, TAYLOR MILL	Kenton	058-40-00-142.00	Storm
ASHLEY SHEARD	731 CAROL DR, TAYLOR MILL	Kenton	058-40-00-143.00	Storm
JEFFERY DURR	733 CAROL DR, TAYLOR MILL	Kenton	058-40-00-144.00	Storm
KARL & KELLY DURDEN	735 CAROL DR, TAYLOR MILL	Kenton	058-40-00-145.00	Storm

WATERWORKS -
PHASE II
(WILDCAT
OUTFALL)

KY TRANSPORTATION CABINET	1471	Campbell	999-99-33-354.00	Sanitary
BELLEVUE CITY OF	RIVIERA DR	Campbell	999-99-33-425.00	Sanitary
BOARD OF EDUCATION OF BELLEVUE	TIGER LN	Campbell	999-99-37-575.00	Sanitary
JFMW ENTERPRISE LLC	10 DONNERMEYER DR	Campbell	999-99-06-504.00	Sanitary
KLEIN SAM W TRUSTEE MESORER F	15 DONNERMEYER DR	Campbell	999-99-07-085.00	Sanitary
LAHNER DAVID G	588 WATERWORKS RD	Campbell	999-99-14-846.00	Sanitary
RECHTIN REAL ESTATE HOLDINGS LLC	640 COLFAX AVE	Campbell	999-99-07-627.00	Sanitary
AMICI PROPERTIES LLC	700 LONDON ACRES DR	Campbell	999-99-01-654.01	Sanitary

WATERWORKS PHASE III (LONDON ACRES TO WILSON)

HOGUE DAVID	1094 LORRAINE CT	Campbell	999-99-05-199.00	Sanitary
KY TRANSPORTATION CABINET	1094 LORRAINE CT	Campbell	999-99-32-940.00	Sanitary
KY TRANSPORTATION CABINET	1098 LORRAINE CT	Campbell	999-99-33-117.00	Sanitary
KY TRANSPORTATION CABINET	1101 WATERWORKS RD	Campbell	999-99-32-942.00	Sanitary
KY TRANSPORTATION CABINET	1103 WATERWORKS RD	Campbell	999-99-32-809.00	Sanitary
UEBERMAN MICHAEL	1105 WATERWORKS RD	Campbell	999-99-01-748.00	Sanitary
GUIDUGLI GINO	1107 WATERWORKS RD	Campbell	999-99-01-540.00	Sanitary
PIERRE KALI	1109 WATERWORKS RD	Campbell	999-99-02-607.00	Sanitary
SOUTHWICK HOMES INC	1111 WATERWORKS RD	Campbell	999-99-05-854.00	Sanitary
PALOMINO PROPERTIES LLC	1113 WATERWORKS RD	Campbell	999-99-04-247.00	Sanitary
NEWPORT KY LODGE NO 2 FRATERNAL ORDER OF	1119 WATERWORKS RD	Campbell	999-99-02-855.00	Sanitary
SCHOO DONNA R	1133 WATERWORKS RD	Campbell	999-99-01-150.00	Sanitary
SCHALK DANIEL TYLER	1135 WATERWORKS RD	Campbell	999-99-04-043.00	Sanitary
STEFANOPOULOS NICOLETTE	1137 WATERWORKS RD	Campbell	999-99-01-382.00	Sanitary
WIESMAN DEBRA J	1139 WATERWORKS RD	Campbell	999-99-05-699.00	Sanitary
LEHMAN ERIC	1141 WATERWORKS RD	Campbell	999-99-03-551.00	Sanitary
DAVIS PAMELA	1143 WATERWORKS RD	Campbell	999-99-01-235.00	Sanitary
LAHNER DAVID G	1145 WATERWORKS RD	Campbell	999-99-01-076.00	Sanitary
BROWN YVONNE	1147 WATERWORKS RD	Campbell	999-99-05-459.00	Sanitary
MASTIN MICHAEL G & STEPHANY M	1149 WATERWORKS RD	Campbell	999-99-00-940.00	Sanitary
SCHUBERT ROBERT EARL	1151 WATERWORKS RD	Campbell	999-99-03-485.00	Sanitary
SARAKATSANNIS DEAN	1153 WATERWORKS RD	Campbell	999-99-04-423.00	Sanitary
FESSLER EDWARD W	1155 WATERWORKS RD	Campbell	999-99-01-586.00	Sanitary
BISHOP CHERYL L	1159 WATERWORKS RD	Campbell	999-99-00-458.00	Sanitary
BISHOP CHERYL L	1159 WATERWORKS RD	Campbell	999-99-00-457.00	Sanitary
KING ROYAL LLC	1161-1163 WATERWORKS RD	Campbell	999-99-02-630.00	Sanitary
KING ROYAL LLC	1167-1171 WATERWORKS RD	Campbell	999-99-03-800.00	Sanitary
GIESLER AMY B	1175 WATERWORKS RD	Campbell	999-99-04-060.00	Sanitary
DURBIN SUPER BOWL LLC	1209 WATERWORKS RD	Campbell	999-99-00-384.00	Sanitary
DURBIN SUPER BOWL LLC	1211 WATERWORKS RD	Campbell	999-99-05-985.00	Sanitary
WIEGAND KIRK	1217-1219 WATERWORKS RD	Campbell	999-99-03-402.00	Sanitary
GEMMER WILLIAM A	1249 WATERWORKS RD	Campbell	999-99-03-790.00	Sanitary
RILEY JACK L & PEGGY ANN	1450 WATERWORKS RD	Campbell	999-99-04-236.00	Sanitary
VICKERS RANDALL	1540 WATERWORKS RD	Campbell	999-99-05-432.00	Sanitary
VICKERS RANDAL	1542 WATERWORKS RD	Campbell	999-99-05-432.01	Sanitary
MEREMAX PROPERTIES LLC	1605 WATERWORKS RD	Campbell	999-99-05-090.00	Sanitary
LITTLE BARRY	1615 WATERWORKS RD	Campbell	999-99-03-551.00	Sanitary
PHILLIPS VIRGINIA A	1618 WATERWORKS RD	Campbell	999-99-02-623.00	Sanitary

	ANDI LYNN FLATS LLC	1631 WATERWORKS RD	Campbell	999-99-03-776.00	Sanitary
	NEWPORT HOUSING AUTHORITY	1634 WATERWORKS RD	Campbell	999-99-01-654.00	Sanitary
	JACKSON THOMAS	1641 WATERWORKS RD	Campbell	999-99-01-889.00	Sanitary
	NEWPORT CITY OF	24 WILSON RD	Campbell	999-99-32-558.00	Sanitary
	BELCHER ROBERT	28 WILSON RD	Campbell	999-99-00-891.00	Sanitary
	ENSLEN RONALD E	32 WILSON RD	Campbell	999-99-01-502.00	Sanitary
	TAYLOR PAUL FRANKLYN	33 WILSON RD	Campbell	999-99-03-853.00	Sanitary
	KRABACH JEFFREY ALLEN	39 WILSON RD	Campbell	999-99-03-293.00	Sanitary
	MOHR TINA	579 WATERWORKS RD	Campbell	999-99-13-628.00	Sanitary
	MOHR TINA	587 WATERWORKS RD	Campbell	999-99-13-629.00	Sanitary
	GERWE KENNETH A & JUDITH	589 WATERWORKS RD	Campbell	999-99-13-745.00	Sanitary
	NEWPORT CITY OF	MEMORIAL PKWY	Campbell	999-99-05-065.00	Sanitary
	CARLISLE ENTERPRISES INC	MEMORIAL PKWY	Campbell	999-99-05-065.01	Sanitary
	KY TRANSPORTATION CABINET	MEMORIAL PKWY	Campbell	999-99-33-341.00	Sanitary
WATERWORKS PHASE IV (MAINE- WATERWORKS TO MAYFIELD)	VALI HI CONSTRUCTION CO	0 PARK PLACE	Campbell	999-99-38-231.00	Sanitary
	LONDON ACRES NORTH HOA	100 LONDON ACRES DR	Campbell	999-99-37-110.00	Sanitary
	BOWMAN CHRISTOPHER K	132 PARK PLACE	Campbell	999-99-12-767.00	Sanitary
	KOOPMANS W M P & SHERRI L	140 PARK PLACE	Campbell	999-99-14-755.00	Sanitary
	KOOPMANS WILLIAM P & SHERRI L	144 PARK PLACE	Campbell	999-99-14-756.00	Sanitary
	KY TRANSPORTATION CABINET	1601 WATERWORKS RD	Campbell	999-99-38-414.00	Sanitary
	DANIELS CHRIS	491 MAINE AVE	Campbell	999-99-14-139.00	Sanitary
	RANDLE MICHELLE KENDRICK	527 MAINE AVE	Campbell	999-99-15-914.00	Sanitary
	SNOW DANIEL L & MELODY L	529 MAINE AVE	Campbell	999-99-16-596.00	Sanitary
	SAALFELD KATHLEEN SUSAN	532 MAINE AVE	Campbell	999-99-14-281.00	Sanitary
	HARING DENNIS	538 MAINE AVE	Campbell	999-99-13-677.00	Sanitary
	CLARK JACK E	546 MAINE AVE	Campbell	999-99-14-140.00	Sanitary
	VOGT LAWRENCE & SHAUNA	560 MAINE AVE	Campbell	999-99-14-603.00	Sanitary
	LOMBARDO KIRK A	562 MAINE AVE	Campbell	999-99-14-991.00	Sanitary
	MCINTOSH CAMERON	563 MAINE AVE	Campbell	999-99-17-043.00	Sanitary
	CASE CECIL C JR	570 WATERWORKS RD	Campbell	999-99-12-846.00	Sanitary
	REEVES CHRISTOPHER	572 MAINE AVE	Campbell	999-99-14-622.00	Sanitary
	KENDRICK EDW L & SHIRLEY	611 MAINE AVE	Campbell	999-99-14-613.00	Sanitary
	650 COLFAX LLC	645 - 650 COLFAX AVE	Campbell	999-99-06-226.00	Sanitary
	ROBINSON STEVEN A	92 TAYLOR MILL RD	Campbell	999-99-12-928.00	Sanitary
	STIDHAM MARY	WATERWORKS RD	Campbell	999-99-11-858.00	Sanitary
	KY TRANSPORTATION CABINET	WATERWORKS RD	Campbell	999-99-38-415.00	Sanitary
CHURCH ST EQ AND SURROUNDING PIPE	UNITED STATES OF AMERICA	180 EAST 46TH ST	Kenton	056-41-04-078.04	Sanitary
	CITY OF COVINGTON	CHURCH ST	Kenton	056-41-04-078.02	Sanitary
	CITY OF COVINGTON	GRAND AVE	Kenton	056-20-02-027.06	Sanitary
	LYC	OYADA AVE	Kenton	056-23-03-080.25	Sanitary
MADISON 4400' SOUTH OF LAKEVIEW (FORMALLY 7800')	COMMONWEALTH OF KY	1051 DUDLEY RD	Kenton	043-00-02-002.00	Sanitary
	COMMONWEALTH OF KY	1062 DUDLEY RD	Kenton	043-00-02-001.00	Sanitary
	RESSURECTION CHURCH	3701 MADISON PIKE	Kenton	043-20-00-004.09	Sanitary
	ESCO CORP	3792 LAKE PARK DR	Kenton	043-00-00-100.04	Sanitary
	TAYLOR DEVELOPMENT CO	OLD MADISON PIKE	Kenton	043-20-00-004.00	Sanitary
LEATHERS EQ	STEVENS JAY L & MARY K	100 SILVER AVE	Kenton	028-40-11-057.00	Sanitary
	HIGHLAND CEMETERY INC	2167 DIXIE HWY	Kenton	042-10-00-270.02	Sanitary
	SCHLINGER ERIC R & KATHARINE A	27 LUCERNE AVE	Kenton	028-40-11-001.00	Sanitary
	SALZMAN BARBARA A TRUSTEE &	47 LEATHERS RD	Kenton	028-40-13-006.03	Sanitary
	HOLLADAY BRUCE R & DAWN V	49 LEATHERS RD	Kenton	028-40-13-006.04	Sanitary
KEAVY EQ	GRIPSHOVER JOHN J & NANCY K	5140 KEAVY DR	Kenton	057-20-00-127.00	Sanitary
	JOHNSON JOHN E & UTZ DAVID A	5144 KEAVY DR	Kenton	057-20-00-126.00	Sanitary
	MURPHY JACOB E & JENNIFER M	640 CARDINAL DR	Kenton	057-40-00-249.00	Sanitary
	PRATHER JASON	642 CARDINAL DR	Kenton	057-40-00-250.00	Sanitary
	DEATON MARK E & KIMBERLY	644 CARDINAL DR	Kenton	057-40-00-251.00	Sanitary
	WILLIAMS MARCUS E & JOANNE	646 CARDINAL DR	Kenton	057-40-00-252.00	Sanitary
	HORNBECK NATALIE	648 CARDINAL DR	Kenton	057-40-00-253.00	Sanitary
	NOE MICHAEL D & MARY K	650 CARDINAL DR	Kenton	057-40-00-254.00	Sanitary
MEADOW LN EQ	COPLEY ROBERT & KENNEDY JO ANN	645 CARDINAL DR	Kenton	057-40-00-238.00	Sanitary
	VOGELPOHL RACHELE E	647 CARDINAL DR	Kenton	057-40-00-237.00	Sanitary
	LOVENSHEIMER JO ANN & GENE A	649 CARDINAL DR	Kenton	057-40-00-236.00	Sanitary
	JONES TERRY J & DEBORAH	684 MEADOW LN	Kenton	057-40-00-226.00	Sanitary
	BOSSE DOUGLAS R & MICHELLE L	686 MEADOW LN	Kenton	057-40-00-227.00	Sanitary
	SCHAEFER JAMES P	688 MEADOW LN	Kenton	057-40-00-228.00	Sanitary
	SCHAWER WILLIAM R & LU ANN	690 MEADOW LN	Kenton	057-40-00-229.00	Sanitary
NEWPORT PLAZA UPSIZING	WOOD NEWPORT SHOPPING CENTER LLC	1727 MONMOUTH ST	Campbell	999-99-03-734.00	Sanitary
	PTNP LTD	75 CAROTHERS RD	Campbell	999-99-03-826.00	Sanitary
	NEWPORT CITY OF	81-93 PAVILION PKWY	Campbell	999-99-37-548.02	Sanitary
	WOOD NEWPORT PLAZA LLC	84-96 CAROTHERS RD	Campbell	999-99-03-093.00	Sanitary
DRY CREEK WWTP INTERCEPTOR UPSIZING	HOFFMAN JEFFREY F	2555 SIERRA DR	Kenton	002-30-00-018.06	Sanitary
	KEY PROPERTY DEVELOPMENT LLC	DOLWICK DR	Kenton	014-00-00-015.00	Sanitary
	RESERVE AT MEADOWOOD LLC	EUBANKS RD	Kenton	014-00-00-012.00	Sanitary
	WESSELS PROPERTIES INC	EUBANKS RD	Kenton	014-00-00-005.00	Sanitary
	RICHARDSON JACK G & ELLA L	LAGUNA CT	Kenton	002-30-00-017.00	Sanitary
	CORPOREX PARKS OF KY INC	PACIFIC AVE	Kenton	002-00-00-004.07	Sanitary
	CORPOREX PARKS OF KY INC	PACIFIC AVE	Kenton	002-00-00-004.06	Sanitary
	FKH LLC	ROGERS RD	Kenton	002-30-01-041.00	Sanitary
MARCEL AT ARBOR, EDGEWOOD	HUMPERT ANDRIA N	12 SWARTHMORE DR	Kenton	015-40-14-053.00	Storm
	HAGEDORN NATHAN B & KRISTIN R	14 SWARTHMORE DR	Kenton	015-40-14-052.00	Storm
	SIMS ANDY R TRUSTEE	18 SWARTHMORE DR	Kenton	015-40-14-051.00	Storm
	MANGEL LESLIE H & SANDRA M	3050 ELMWOOD DR	Kenton	015-40-02-015.00	Storm
	O'CONNOR IV THOS J & WEHNER K D	3052 ELMWOOD DR	Kenton	015-40-02-016.00	Storm
	GROTHAUS EDWARD J & JOHN E	3053 ELMWOOD DR	Kenton	015-40-03-008.00	Storm
	WERNER NORBERT	3055 ELMWOOD DR	Kenton	015-40-03-007.00	Storm
	KLARE JEROME	3059 ELMWOOD DR	Kenton	015-40-03-006.00	Storm
	STOECKLE J EY R & MARY ROSE	3060 ARBOR DR	Kenton	015-40-03-037.00	Storm
	STONEBACK DAVID N & JOYCE A	3064 ARBOR DR	Kenton	015-40-03-038.00	Storm
	KENNEDY DENNIS B	3071 ELMWOOD DR	Kenton	015-40-03-005.00	Storm
	HAGEMAN PAUL M & DARLA J	35 MARCEL DR	Kenton	015-40-04-011.00	Storm
	SCHWARTZ PAULA & JEFFREY	39 MARCEL DR	Kenton	015-40-04-012.00	Storm
GRANT ST, FT THOMAS	LOVERIDGE STEFAN J	50 GRANT ST	Campbell	999-99-13-915.00	Storm
	BURNETT KYLE A	54 GRANT ST	Campbell	999-99-16-667.00	Storm
	CLAYTON MARK A & SUSAN M	61 1/2 BONNIE LN	Campbell	999-99-12-908.00	Storm
	MANNING CURTIS L & SHAREE D	61 BONNIE LN	Campbell	999-99-13-471.00	Storm

ROUTE 8 LUDLOW	BP PIPELINES	401 River Rd	Kenton	026-20-00-021.00	Sanitary
	DAVID E & CAROL A BROCK	421 River Rd	Kenton	026-20-00-022.00	Sanitary
PARKSIDE SSO	CAMPBELL COUNTY FISCAL COURT	ALEXANDRIA PIKE	Campbell	999-99-29-986.00	Sanitary
	KY TRANSPORTATION CABINET	ALEXANDRIA PIKE	Campbell	999-99-32-266.00	Sanitary
	CAMPBELL COUNTY PUBLIC PARKS	ALEXANDRIA PIKE	Campbell	999-99-34-314.00	Sanitary
	CAMPBELL COUNTY KY PUBLIC PARKS	ALEXANDRIA PIKE	Campbell	999-99-37-364.00	Sanitary
WALNUT HALL & PEACH DRIVE	LARRY 7 BRENDA ELLIOTT	12 WALNUT HALL DR	Kenton	047-20-00-009.00	Sanitary
	KERMIT L & LAURI E WATKINS	13 WALNUT HALL DR	Kenton	047-20-00-008.00	Sanitary
	PAUL & JULIA MULLINS	16 WALNUT HALL DR	Kenton	047-20-00-010.00	Sanitary
	TAB R APPEL & DEE ANNE MERSHION	17 WALNUT HALL DR	Kenton	047-20-00-011.00	Sanitary
	NANCY A KENTER	18 PEACH DR	Kenton	047-10-00-081.00	Sanitary
	TAB R APPEL & DEE ANNE MERSHION	19 WALNUT HALL DR	Kenton	047-20-00-013.01	Sanitary
	JASON C & HELEN M TOWLES	20 WALNUT HALL DR	Kenton	047-20-00-012.00	Sanitary
	INDEPENDENCE OAKS	2050 BOXER LANE	Kenton	047-00-02-009.00	Sanitary
	CHRISTOPHER S BALDWIN	22 PEACH DR	Kenton	047-10-00-082.00	Sanitary
	HEATHER L & BERNARD R BUNGENSTOCK	23 WALNUT HALL DR	Kenton	047-20-00-013.00	Sanitary
	AMANDA KELSAY	24 WALNUT HALL DR	Kenton	047-20-00-014.00	Sanitary
	CITY OF INDEPENDENCE	25 PEACH DR	Kenton	047-10-00-087.00	Sanitary
	DALE A & JULIE C MCCLEESE	26 PEACH DR	Kenton	047-10-00-083.00	Sanitary
	CITY OF INDEPENDENCE	27 PEACH DR	Kenton	047-10-00-086.00	Sanitary
	MICHELLE MUELLER	28 PEACH DR	Kenton	047-10-00-084.00	Sanitary
	DANIEL & REGINA KOCH	28 WALNUT HALL DR	Kenton	047-20-00-015.00	Sanitary
	CHRISTOPHER CHARLES DUFFY III	29 PEACH DR	Kenton	047-10-00-085.00	Sanitary
	ROBERT & JODY THOMAS	29 WALNUT HALL DR	Kenton	047-20-00-016.00	Sanitary
	ARTHUR & PATTI ANDERSON	30 PEACH DR	Kenton	033-30-02-001.00	Sanitary
	HARRY W & DEBORAH L TRINKLER	33 PEACH DR	Kenton	033-30-02-002.00	Sanitary
	CHRISTYN & AUSTIN BALDWIN	33 WALNUT HALL DR	Kenton	047-20-00-018.00	Sanitary
	TONY & JENNIFER M RUSCHMAN	34 PEACH DR	Kenton	033-30-02-003.00	Sanitary
	DEBORAH R SMITH	35 WALNUT HALL DR	Kenton	047-20-00-019.00	Sanitary
	ARNETT W NEACE	36 WALNUT HALL DR	Kenton	047-20-00-017.00	Sanitary
	DAVE H WHEELER JR	37 PEACH DR	Kenton	033-30-02-004.00	Sanitary
	TERRY W WIEHOFF	37 WALNUT HALL DR	Kenton	047-20-00-020.00	Sanitary
	ROBERT L & KAREN KIRBY III	39 WALNUT HALL DR	Kenton	047-20-00-021.00	Sanitary
	BRETT D BOYER	40 PEACH DR	Kenton	033-30-02-005.00	Sanitary
	JAMES P JOHNSON	44 WALNUT HALL DR	Kenton	047-20-00-022.00	Sanitary
	WILLIAM & ELLEN BURGESS	48 WALNUT HALL DR	Kenton	047-20-00-023.00	Sanitary
	STEVEN RADEMACHER JR	49 WALNUT HALL DR	Kenton	047-20-00-024.00	Sanitary
	JAMES D & SHERRY MARSHALL	49-A WALNUT HALL DR	Kenton	047-20-00-024.01	Sanitary
	JOHN & SANDRA PRATER	52 WALNUT HALL DR	Kenton	047-20-00-025.00	Sanitary
	HIGHLAND CEMETERY, INC	5368 MADISON PK	Kenton	047-00-00-012.00	Sanitary
	DAVID KERR	5397 MADISON PK	Kenton	047-10-00-080.00	Sanitary
	BRADFORD LODGE TRUSTEES	5403 MADISON PK	Kenton	047-10-00-088.00	Sanitary
	HIGHLAND CEMETERY, INC	5406 MADISON PK	Kenton	047-20-00-001.00	Sanitary
	TASHA R BROWN	5408 MADISON PK	Kenton	047-20-00-002.00	Sanitary
	DAVID LLOYD & NANCY L BALL	5412 MADISON PK	Kenton	047-20-00-003.00	Sanitary
	KOREY WOODWARD	5416 MADISON PK	Kenton	047-20-00-004.00	Sanitary
	JOE M & AMY H COMPTON	5420 MADISON PK	Kenton	047-20-00-005.00	Sanitary
	WILLIAM J GILBERT & EMILY L FLISCHER	5426 MADISON PK	Kenton	047-20-00-006.00	Sanitary
	RICKY L ROSENHAGEN JR	5430 MADISON PK	Kenton	047-20-00-007.00	Sanitary
	JUSTIN VANHOOSE & KALI TACKETT	56 WALNUT HALL DR	Kenton	047-20-00-026.00	Sanitary
	JAMES D & SHERRY MARSHALL	57 WALNUT HALL DR	Kenton	047-20-00-028.00	Sanitary
	JEREMY WIDENER & SHANNON LIUZZA	58 WALNUT HALL DR	Kenton	047-20-00-027.00	Sanitary
	CITY OF INDEPENDENCE	PEACH DR	Kenton	033-30-02-005.01	Sanitary
CRAWFORD	SACHARY & JULIE VATER	5206 SANDRA DR	Kenton	057-40-00-008.00	Sanitary
	NOE JACOB L & ROGER L	5248 TAYLOR MILL RD	Kenton	057-40-00-166.00	Sanitary
	SIEMER PA & KENNETH R COURTNEY	5253 TAYLOR MILL RD	Kenton	057-40-00-154.00	Sanitary
	REHMET, ROBERT C	5254 TAYLOR MILL RD	Kenton	057-40-00-015.00	Sanitary
	CLETA MITCHELL & KRISTINE SHERA	5256 TAYLOR MILL RD	Kenton	057-40-00-001.00	Sanitary
	TIMOTHY BURGOYNE, JR	5260 TAYLOR MILL RD	Kenton	057-40-00-016.00	Sanitary
	ALI IBRAM FAWZI ABU	674 CRAWFORD DR	Kenton	057-40-00-013.00	Sanitary
	MICHAEL & JILLIAN FINFROCK	675 CRAWFORD DR	Kenton	057-40-00-002.00	Sanitary
	ALI IBRAM FAWZI ABU	676 CRAWFORD DR	Kenton	057-40-00-014.00	Sanitary
	CONNOR BLESER	678 CRAWFORD DR	Kenton	057-40-00-012.00	Sanitary
	MARICA OSBOURNE	SANDRA DR	Kenton	057-40-00-010.00	Sanitary
	CHARLENE & WILLIAM BAKER JR.	SANDRA DR	Kenton	057-40-00-009.00	Sanitary
ALVIN	ARMSTRONG MARVIN & KAREN	11 ALVIN DR	Kenton	033-40-00-019.00	Sanitary
	WILCOXSON ROBERT & VOLERS & KATHRYN & HINTON PATRICIA	11030 MADISON PIKE	Kenton	033-40-00-011.00	Sanitary
	DEATON JOHN A & WORK JESSICA D	11054 MADISON PIKE	Kenton	033-40-00-020.00	Sanitary
	KENTON BOARD OF EDUCATION	11092 MADISON PIKE	Kenton	033-00-00-031.00	Sanitary
	KENTON COUNTY SCHOOL DISTRICT	11132 MADISON PIKE	Kenton	033-00-00-032.00	Sanitary
	MATTHEW JACOB RUST & NATALIE ROSE FINAN	13 ALVIN DR	Kenton	033-40-00-018.00	Sanitary
	KEVJO PROPERTIES LLC	14 ALVIN DR	Kenton	033-40-00-014.00	Sanitary
	KEVJO PROPERTIES LLC	15 ALVIN DR	Kenton	033-40-00-017.00	Sanitary
	NORTHERN LIGHTS PROPERTIES LLP	16 ALVIN DR	Kenton	033-40-00-015.00	Sanitary
	KEVJO PROPERTIES LLC	17 ALVIN DR	Kenton	033-40-00-016.00	Sanitary
	KEENEY MARIE	6 ALVIN DR	Kenton	033-40-00-012.00	Sanitary
	BACK SR DARREL W & BACK KIMBERLY M	62 APPLE DRIVE	Kenton	034-30-01-001.00	Sanitary
	PHARM PHUC TRAVIS	8 ALVIN DR	Kenton	033-40-00-013.00	Sanitary
	SEAN & HEATHER BRENNAN	11575 WATER TOWER WAY	Kenton	048-10-00-027.00	Sanitary
	DANIEL & JUDY COX	11597 WATER TOWER WAY	Kenton	048-10-00-029.00	Sanitary
	ROBERT & SANDY LEEN	11607 WATER TOWER WAY	Kenton	048-10-00-031.00	Sanitary
	TERRY & SHERRY SOUTHWORTH	11689 MAPLE TREE PL	Kenton	048-10-00-059.00	Sanitary
	ERIN PARITZKE	11690 MAPLE TREE PL	Kenton	048-10-00-058.00	Sanitary
	CATHERINE G ARNOLD	11693 MAPLE TREE PL	Kenton	048-10-00-060.00	Sanitary
	DENNIS E & BARBARA L FIELDS	11697 MAPLE TREE PL	Kenton	048-10-00-061.00	Sanitary
	JOHN J & MARY L RESING	11701 MAPLE TREE PL	Kenton	048-10-00-062.00	Sanitary
	LESTER GLENN WORKMAN JR	11704 MAPLE TREE PL	Kenton	048-10-00-066.00	Sanitary
	RICHARD C & BARBARA L COFFEY	11705 MAPLE TREE PL	Kenton	048-10-00-063.00	Sanitary
	JOSEPH T & LISA M RESING	11707 MAPLE TREE PL	Kenton	048-00-00-091.00	Sanitary
	ROY P HOLTEN & GLEN C & NANCY HOLTEN	11708 Bluegrass Drive	Kenton	048-10-00-099.00	Sanitary
	SEAN D & TAMMY PETERSON	11708 MAPLE TREE PL	Kenton	048-10-00-065.00	Sanitary
	TODD KLEMA	11709 BLUEGRASS DRIVE	Kenton	048-10-00-073.00	Sanitary
	FRED J TAYLOR	11711 MAPLE TREE PL	Kenton	048-00-00-090.01	Sanitary
	JAMIE BONAR TR	11712 MAPLE TREE PL	Kenton	048-00-00-089.01	Sanitary
	NATALIE A CARPENTER	11713 BLUEGRASS DRIVE	Kenton	048-10-00-074.00	Sanitary
	THOMAS E & ERIN B BATES	11713 MAPLE TREE PL	Kenton	048-00-00-090.00	Sanitary
	BOBBY A & PATRICIA D BEAVERS	11715 MAPLE TREE PL	Kenton	048-00-00-085.04	Sanitary

MAPLE & BLUEGRASS

JAY W ROACH & SONJA HOFFERT-ROACH	11716 BLUEGRASS DRIVE	Kenton	048-10-00-098.00	Sanitary
SUSAN SWAIN	11717 BLUEGRASS DRIVE	Kenton	048-10-00-075.00	Sanitary
DAVID M FLEGE	11717 MAPLE TREE PL	Kenton	048-00-00-089.00	Sanitary
DOUGLAS VERCHEAK	11720 BLUEGRASS DRIVE	Kenton	048-10-00-097.00	Sanitary
MARC S RAVENSCHRAFT	11721 BLUEGRASS DRIVE	Kenton	048-10-00-076.00	Sanitary
DANIEL R & LILIAN F LYNCH	11724 BLUEGRASS DRIVE	Kenton	048-10-00-096.00	Sanitary
GLENN C & NANCY L HOLTEN	11725 BLUEGRASS DRIVE	Kenton	048-10-00-077.00	Sanitary
THOMAS H HEFLIN	11728 BLUEGRASS DRIVE	Kenton	048-10-00-095.00	Sanitary
BRADFORD J & ELIZABETH J ROSENACKER	11729 BLUEGRASS DRIVE	Kenton	048-10-00-078.00	Sanitary
CRAIG E FOSCARDO	11732 BLUEGRASS DRIVE	Kenton	048-10-00-094.00	Sanitary
DENNIS E BAKER & JANA S REDIX	11733 BLUEGRASS DRIVE	Kenton	048-10-00-079.00	Sanitary
RONALD F & PHYLLIS R KILGORE	11736 BLUEGRASS DRIVE	Kenton	048-10-00-093.00	Sanitary
KATHERINE M & KEVIN MARCUM	11737 BLUEGRASS DRIVE	Kenton	048-10-00-080.00	Sanitary
LAWRENCE R & JOYCE VOGELPOHL	11740 BLUEGRASS DRIVE	Kenton	048-10-00-092.00	Sanitary
ROY C & MARY M HAUGHT	11741 BLUEGRASS DRIVE	Kenton	048-10-00-081.00	Sanitary
AMY MARIE HAUGHT	11744 BLUEGRASS DRIVE	Kenton	048-10-00-091.00	Sanitary
DONALD R & WYONA WHALEY	11745 & 11749 BLUEGRASS DRIVE	Kenton	048-10-00-082.00	Sanitary
JENNIFER WALKER	11748 BLUEGRASS DRIVE	Kenton	048-10-00-090.00	Sanitary
ROBERT T SHERI L DRAKE	11922 CATALINA DRIVE	Kenton	048-00-00-087.00	Sanitary
GWENDOLYN HOPE BRAUTIGAN	11960 CATALINA DRIVE	Kenton	048-10-00-101.00	Sanitary
KELLIE VONHANDORF	2008 MAPLE TREE LN	Kenton	048-10-00-032.00	Sanitary
GEORGE E LEGER & JACKIE E NAPIER	2009 MAPLE TREE LN	Kenton	048-10-00-034.00	Sanitary
WILLIAM & DARLENE HILL	2012 MAPLE TREE LN	Kenton	048-10-00-033.00	Sanitary
LAWRENCE W & JOYCE ROGERS	2013 MAPLE TREE LN	Kenton	048-10-00-037.00	Sanitary
LINDA SANDEL	2016 MAPLE TREE LN	Kenton	048-10-00-035.00	Sanitary
LAWRENCE W & JOYCE H ROGERS	2017 MAPLE TREE LN	Kenton	048-10-00-037.01	Sanitary
DENNIS LYNCH	2020 MAPLE TREE LN	Kenton	048-10-00-036.00	Sanitary
BONNIE PROFITT	2024 MAPLE TREE LN	Kenton	048-10-00-038.00	Sanitary
DANNY BRIDGES & BRENDA STEFFEN	2025 MAPLE TREE LN	Kenton	048-10-00-039.00	Sanitary
RACHEL M & DANE DWYER	2028 MAPLE TREE LN	Kenton	048-10-00-040.00	Sanitary
DANIEL KEVIN RICHMAN	2029 MAPLE TREE LN	Kenton	048-10-00-041.00	Sanitary
WILLIAM J & CRYSTAL AHEARN	2032 MAPLE TREE LN	Kenton	048-10-00-042.00	Sanitary
EDWARD C & ELIZABETH T GAMEL	2033 MAPLE TREE LN	Kenton	048-10-00-043.00	Sanitary
JENNIFER & ANDREW MCCLAIN	2036 MAPLE TREE LN	Kenton	048-10-00-044.00	Sanitary
ANDREW J SPENLAU	2039 MAPLE TREE LN	Kenton	048-10-00-045.00	Sanitary
HUGH KEMP	2040 MAPLE TREE LN	Kenton	048-10-00-046.00	Sanitary
JOHN L & JOANN C KEENE	2044 MAPLE TREE LN	Kenton	048-10-00-047.00	Sanitary
VERNON E ARNOLD	2045 MAPLE TREE LN	Kenton	048-10-00-072.00	Sanitary
GWENDOLYN HOPE BRAUTIGAN	2048 LINGOLN DR	Kenton	048-20-00-025.00	Sanitary
JAMIE BONAR	2048 MAPLE TREE LN	Kenton	048-10-00-048.00	Sanitary
TODD KLEMA	2049 MAPLE TREE LN	Kenton	048-10-00-073.01	Sanitary
ERIN RENEE HEIS	2052 MAPLE TREE LN	Kenton	048-10-00-049.00	Sanitary
ERIC D & CYNTHIA J WILLIS	2055 MAPLE TREE LN	Kenton	048-10-00-071.00	Sanitary
MARY D & PATRICK C STEINER	2056 MAPLE TREE LN	Kenton	048-10-00-050.00	Sanitary
PATRICIA F CATTON	2059 MAPLE TREE LN	Kenton	048-10-00-070.00	Sanitary
MARILYN S LACHMANN	2060 MAPLE TREE LN	Kenton	048-10-00-051.00	Sanitary
LEROY & MARY SIMPSON	2063 MAPLE TREE LN	Kenton	048-10-00-069.00	Sanitary
GERALD K & KAREN ALSIP	2064 MAPLE TREE LN	Kenton	048-10-00-052.00	Sanitary
GREGORY J PONZER	2067 MAPLE TREE LN	Kenton	048-10-00-058.00	Sanitary
WILLIAM G & TERRI J WATSON	2068 MAPLE TREE LN	Kenton	048-10-00-053.00	Sanitary
DENNIS OWNING	2071 MAPLE TREE LN	Kenton	048-10-00-067.01	Sanitary
TIM & JULIE STEWART	2072 MAPLE TREE LN	Kenton	048-10-00-054.00	Sanitary
DARREN B & DONNA G ROLAND	2076 MAPLE TREE LN	Kenton	048-10-00-055.00	Sanitary
ALBERT F ZERHUSEN, JR	2080 MAPLE TREE LN	Kenton	048-10-00-056.00	Sanitary
JOHNNY & TAMARA ARMSTRONG	2083 & 2086 MAPLE TREE LN	Kenton	048-10-00-057.00	Sanitary
PAUL & NICOLE STANTON	2233 BLUEGRASS PL	Kenton	048-10-00-088.00	Sanitary
JESSICA L BROWN	2234 BLUEGRASS PL	Kenton	048-10-00-089.00	Sanitary
JAMES H & SHELLIE P ISHMAEL	2237 BLUEGRASS PL	Kenton	048-10-00-087.00	Sanitary
DANIEL G & JANET DIMUZIO	2241 BLUEGRASS PL	Kenton	048-10-00-086.00	Sanitary
MICHAEL WHISNER & ALEXIS SHELTON	2245 BLUEGRASS PL	Kenton	048-10-00-085.00	Sanitary
DONNA G MCKINLEY	2248 BLUEGRASS PL	Kenton	048-10-00-083.00	Sanitary
THOMAS A & NANCY K TAYLOR	2249 BLUEGRASS PL	Kenton	048-10-00-084.00	Sanitary
MONICA FRANKS	2256 BLUEGRASS PL	Kenton	048-00-00-088.00	Sanitary

ASHFIELD, EDGEWOOD

DENNIS P & NANCY JO MURPHY	3008 WINDING TRAILS DR	Kenton	043-20-01-002.00	Storm
PING TSENG LEE & LI MING WONG	3011 WINTERBOURNE RD	Kenton	029-40-00-098.00	Storm
DENNIS A & JANICE K MAINS	3012 WINDING TRAILS DR	Kenton	043-20-01-003.00	Storm
MARY LYNN CROPPER TR	3015 WINTERBOURNE RD	Kenton	029-40-00-097.00	Storm
WILLIAM E JR & ARLENE VAUGHN	3016 WINDING TRAILS DR	Kenton	043-20-01-004.00	Storm
CHRISTINA S & SCOTT M SPILLE	3019 WINTERBOURNE RD	Kenton	029-40-00-096.00	Storm
JAMES O & BEVERLY C MUEGLE	3020 WINDING TRAILS DR	Kenton	043-20-01-005.00	Storm
CHRISTOPHER D & MICHELLE QUAST	3023 WINTERBOURNE RD	Kenton	029-40-00-095.00	Storm
ADAM BULTMAN	3024 WINDING TRAILS DR	Kenton	043-20-01-006.00	Storm
JEREMY & KATHERINE A HOFFMAN	3026 WINDING TRAILS DR	Kenton	043-20-01-007.00	Storm
THOMAS DOUGLAS & CHRISTINE F KENNEDY	3027 WINTERBOURNE RD	Kenton	029-40-00-094.00	Storm
JOHN P NEWKIRK	3030 WINDING TRAILS DR	Kenton	043-20-01-008.00	Storm
RICHARD K & CAROL J DUNHAM	3031 WINTERBOURNE RD	Kenton	029-40-00-093.00	Storm
GRAVELY THOMAS W & LINDA Y	3035 WINTERBOURNE RD	Kenton	029-40-00-092.00	Storm
ROBERT & LORI D WARDEN	776 KINGSTON DR	Kenton	029-40-00-104.00	Storm
DENNIS R GURLEY	778 KINGSTON DR	Kenton	029-40-00-103.00	Storm
BRADFORD E CHERYL A PIRMAN TR	780 KINGSTON DR	Kenton	029-40-00-102.00	Storm
EVAN L PURKISS	782 KINGSTON DR	Kenton	029-40-00-101.00	Storm
A CLAYTON & RUTH T ROBERTSON	784 KINGSTON DR	Kenton	043-20-01-015.00	Storm
DOUGLAS J & VICKI McCAFFERTY	786 KINGSTON DR	Kenton	043-20-01-014.00	Storm
ELMER L & JULIE M MYERS	788 KINGSTON DR	Kenton	043-20-01-013.00	Storm
RYAN M MCCLANE	794 ASHFIELD CT	Kenton	029-40-00-138.00	Storm
ANTHONY PAUL & JESSICA MARIE COLLEY IV	798 ASHFIELD CT	Kenton	029-40-00-139.00	Storm
CHARLES G & ARONAUZ BENDER	802 ASHFIELD CT	Kenton	029-40-00-140.00	Storm
CHRISTOPHER A & KELLY MARIE PENNINGTON	806 ASHFIELD CT	Kenton	029-40-00-141.00	Storm
CHRISTOPHER J KLARE &	810 ASHFIELD CT	Kenton	029-40-00-142.00	Storm
CHARLES E MATTHEW	814 ASHFIELD CT	Kenton	029-40-00-143.00	Storm
JOHN P HUFFMAN TR	818 ASHFIELD CT	Kenton	029-40-00-144.03	Storm

SATURN PUMP STATION

WELLINGTON HOLDINGS, LLC	5915 CENTENNIAL CIR	Boone	061-00-07-006.00	Sanitary
FLORENCE KY LLC	5900 CENTENNIAL CIR	Boone	061-00-31-008.02	Sanitary

24 CROWN POINT

FT THOMAS CITY OF	ALEXANDER CR	Campbell	999-99-37-980.00	Sanitary
GATES KAREN G	20 CROWN POINT	Campbell	999-99-13-849.00	Sanitary
GRAU ERIC AND JANETTE	24 CROWN POINT	Campbell	999-99-13-850.02	Sanitary
GRAU KENNETH M & MARY P	28 CROWN PT	Campbell	999-99-13-850.00	Sanitary
FT THOMAS CITY OF	950 FT THOMAS AVE	Campbell	999-99-33-617.00	Sanitary
GRAU JANET F	MARY INGLES HWY	Campbell	999-99-13-850.03	Sanitary

2324 MACARTHUR LN	RUMMEL ROBERT	2311 JOYCE AVE	Campbell	999-99-03-165.00	Sanitary
	SWARTZ MARK	2313 JOYCE AVE	Campbell	999-99-01-972.00	Sanitary
	BRAUN DAVID JOHN	2315 JOYCE AVE	Campbell	999-99-02-234.00	Sanitary
	HUG WILLIAM	2316 MACARTHUR LN	Campbell	999-99-02-438.00	Sanitary
	EARHART REILLY	2317 JOYCE AVE	Campbell	999-99-00-854.00	Sanitary
	MORRIS LORAIN E	2318 MACARTHUR LN	Campbell	999-99-00-019.00	Sanitary
	KRAMER ANTHONY T & PAULA	2319 JOYCE AVE	Campbell	999-99-02-862.00	Sanitary
	WHALEY RICKY A	2322 MACARTHUR LN	Campbell	999-99-05-668.00	Sanitary
	SNODGRASS HEATHER	2323 JOYCE AVE	Campbell	999-99-01-995.00	Sanitary
	SCHALK GREGORY T & MAUREEN C	2324 MACARTHUR LN	Campbell	999-99-04-445.00	Sanitary
	RAWE BRANDON	2325 JOYCE AVE	Campbell	999-99-01-701.00	Sanitary
	WOODFORD KATALIN	2327 JOYCE AVE	Campbell	999-99-03-821.00	Sanitary
	CURTIS MICHAEL	2328 MACARTHUR LN	Campbell	999-99-02-160.00	Sanitary
	BUCHANAN MARY F	2329 JOYCE AVE	Campbell	999-99-02-972.00	Sanitary
	ELBERT JENNA	2330 MACARTHUR LN	Campbell	999-99-00-170.00	Sanitary
	ALFIERI FRED E	2331 JOYCE AVE	Campbell	999-99-02-324.00	Sanitary
	BRANCH DONNA	302 POPLAR ST	Campbell	999-99-03-968.00	Sanitary
	THOMER CHARLES C	304 POPLAR ST	Campbell	999-99-05-209.00	Sanitary
	HORTON BRANDY RENEE	305 FLORENCE AVE	Campbell	999-99-02-381.00	Sanitary
	WATTS MADELYNE	306 POPLAR ST	Campbell	999-99-03-267.00	Sanitary
	BIERY CHAS J & JACKLYN C	307 FLORENCE AVE	Campbell	999-99-00-424.00	Sanitary
	WIDDIS MICHAEL TRUST	309 FLORENCE AVE	Campbell	999-99-01-101.00	Sanitary
SAGEBRUSH LN	CRIDER RACHAEL L & II DALE M	3504 LINDEN WOOD DR	Kenton	016-40-04-098.00	Storm
	MORICONI TONI LYNN &	3508 LINDEN WOOD DR	Kenton	016-40-04-100.00	Storm
	RIVERA TATIANA &	47 SAGEBRUSH LN	Kenton	016-40-04-087.00	Storm
	HARDESTY NICHOLAS J & AMY J	49 SAGEBRUSH LN	Kenton	016-40-04-086.00	Storm
LRS PHASE III (NKU SEWER UPSIZING)	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-34-998.00	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-35-010.00	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-34-994.00	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-35-009.00	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-34-995.00	Sanitary
	FAMILY WORSHIP CENTER OF CARRO	THREE MILE RD	Campbell	999-99-20-442.00	Sanitary
	VERST RANDALL & REBECCA	THREE MILE RD	Campbell	999-99-20-443.02	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-20-444.01	Sanitary
	VERST RANDALL & REBECCA	THREE MILE RD	Campbell	999-99-20-444.00	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-20-446.01	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-34-997.00	Sanitary
	KY TRANSPORTATION CABINET	THREE MILE RD	Campbell	999-99-34-996.00	Sanitary
	VERST RANDALL & REBECCA	100 THREE MILE RD	Campbell	999-99-20-446.00	Sanitary
	DOWNING KARENA	101 THREE MILE RD	Campbell	999-99-19-891.00	Sanitary
	MEISER DOUG	102 THREE MILE RD	Campbell	999-99-19-891.01	Sanitary
	GRAND COMMUNITIES LLC	105 THREE MILE RD	Campbell	999-99-20-040.00	Sanitary
	PROTECT 4 PAWS CO	105A THREE MILE RD	Campbell	999-99-36-023.00	Sanitary
	COMBS LEWIS JR & JO ANN	106 THREE MILE RD	Campbell	999-99-17-962.00	Sanitary
	HOWARD WILLIAM F & SANDRA	92 THREE MILE RD	Campbell	999-99-18-800.00	Sanitary
	RAWE NICHOLAS & MARGARET	94 THREE MILE RD	Campbell	999-99-20-144.00	Sanitary
	THORP ALBERT LINDSAY & CAROL L TRUST	96 THREE MILE RD	Campbell	999-99-20-140.00	Sanitary
	FAMILY WORSHIP CENTER OF CARRO	97 THREE MILE RD	Campbell	999-99-20-443.00	Sanitary
	EVERSON THOMAS	98 THREE MILE RD	Campbell	999-99-18-774.01	Sanitary
	EICHMAN TYNA & STEVEN	99 THREE MILE RD	Campbell	999-99-18-774.02	Sanitary
LRI UPSIZE (LUCKING RIVER INTERCEPTOR - GOLF COURSE)	SWINGOS JAMES G & ROSEMARY	450 43RD ST E	Kenton	056-30-00-001.00	Sanitary
	COVINGTON CITY OF	450B VIRGINIA AVE	Kenton	056-44-00-001.00	Sanitary
LAKE PARK DR	ITW FOOD EQUIPMENT GROUP LLC	3775 LAKE PARK DR	Kenton	043-00-00-103.00	Sanitary
	PRODUCE REALTY LLC	3776 LAKE PARK DR	Kenton	043-00-00-102.00	Sanitary
	ARKA COVINGTON I LP	3780 LAKE PARK DR	Kenton	043-00-00-101.00	Sanitary
	LAKEVIEW BUSINESS CENTER LLC	3785 LAKE PARK DR	Kenton	043-00-00-104.00	Sanitary
W6 PHASE II - COLLECTION PIPING AND FORCE MAIN IMPROVEMENTS	DUKE ENERGY KENTUCKY INC	DIXIE HWY	Boone	074.00-00-035.00	Sanitary
	AHRENS DEVELOPMENT LLC	CODY RD	Kenton	018-00-00-047.01	Sanitary
	AMSDOLL STORAGE VENTURES VI LLC	10000 SAM NEACE	Boone	074.00-06-002.00	Sanitary
	HAZEL LAND COMPANY LLC	10011 SAM NEACE	Boone	074.00-06-011.01	Sanitary
	WALTER HAYES LLC	10018 DIXIE HWY	Kenton	074.00-00-051.00	Sanitary
	GRAND COMMUNITIES LLC	10061 MEADOW GLEN	Kenton	032-00-00-066.12	Sanitary
	GRAND COMMUNITIES LTD	10071 MEADOW GLEN DR	Kenton	032-00-00-066.09	Sanitary
	HALL ERIC A	10117 MEADOW GLEN DR	Kenton	032-00-03-208.00	Sanitary
	CAMPBELL ADAM J	10121 MEADOW GLEN DR	Kenton	032-00-03-207.00	Sanitary
	WORLEY RANDY C & DONNA	10169 CHESTNUTOAK DR	Kenton	018-00-02-033.00	Sanitary
	DUSTIN ARTHUR BINGHAM	10173 CHESTNUTOAK DR	Kenton	018-00-02-034.00	Sanitary
	RAMIRO JORGE BUMANGLAG III	10189 MEADOW GLEN DR	Kenton	032-00-03-128.00	Sanitary
	RUHOLT WILLIAM & JUDITH	1036 HOGREFE RD	Kenton	019-00-00-007.00	Sanitary
	BRISTOW ROAD LLC	1042 TALLTREE WAY	Kenton	018-00-00-015.03	Sanitary
	WILLIAMS JOHN F & ALOMA A	1064 BATTLE RIDGE DR	Kenton	019-00-01-005.00	Sanitary
	SNODGRASS JOHNATHAN	1068 BATTLE RIDGE DR	Kenton	019-00-01-006.00	Sanitary
	BAILEY KYLE	1072 BATTLE RIDGE DR	Kenton	019-00-01-007.00	Sanitary
	SEYBERTH DEANNA	1076 INFANTRY DR	Kenton	019-00-01-461.00	Sanitary
	GEGORY PATRICK M	1094 STONEWALL RIDGE DR	Kenton	019-00-01-401.00	Sanitary
	HEUEL MARKUS	1098 TROOPERS XING	Kenton	019-00-01-187.00	Sanitary
	HAYES RAYMOND O & CYNTHIA L	1112 AMBLEWOOD CT	Kenton	018-40-00-118.00	Sanitary
	KENTON CONSERVANCY INC	1256 WOODFORD CT	Kenton	032-00-04-062.00	Sanitary
	FRY CORNELIUS J III AND MINDY	1296 WOODFORD CT	Kenton	032-00-04-045.00	Sanitary
	FRY MINDY A	1300 WOODFORD CT	Kenton	032-00-04-044.00	Sanitary
	SMYRNA READY MIX CONCRETE, LLC	139 ARISTOCRAT	Boone	074.00-06-001.00	Sanitary
	HAYES JUDITH ANN TRUSTEE	251 WEBSTER RD	Kenton	032-00-00-062.00	Sanitary
	COMMONWEALTH OF KENTUCKY	375 WEAVER	Boone	062.00-00-063.02	Sanitary
	MCCAULEY GORDON & BONITA	5313 CODY RD	Kenton	032-00-00-070.00	Sanitary
	TOEBBEN LTD	541 BUTTERMILK PIKE	Kenton	074.00-07-001.00	Sanitary
	CODY ROAD LAKE LLC	5500 CODY	Kenton	018-00-00-047.00	Sanitary
	JAMES HARGREAVES	575 CAROL ANN LN	Kenton	018-00-00-050.00	Sanitary
	DAVID R VONDERSCMIT	606 BRISTOW RD	Kenton	018-00-00-012.00	Sanitary
	COMMONWEALTH OF KY	639 BRISTOW RD	Kenton	019-00-00-005.01	Sanitary
	COMMONWEALTH OF KY	641 BRISTOW RD	Kenton	019-00-00-005.00	Sanitary
	TUNNING PATRICIA I & WALTER &	643 BRISTOW RD	Kenton	019-00-00-004.00	Sanitary
	BALLARD J MICHAEL	647 BRISTOW RD	Kenton	019-00-00-003.00	Sanitary
	FLACK RONALD & PATRICIA A	649 BRISTOW RD	Kenton	019-00-00-003.01	Sanitary
	HANS JEFFREY M & STACEE D	651 BRISTOW RD	Kenton	019-00-00-002.00	Sanitary
	HAGAN JEANETTE SCHROEDER &	655 BRISTOW RD	Kenton	019-00-00-001.00	Sanitary
	JAMES HARGREAVES	661 Carol Ann Ln	Kenton	018-00-00-048.00	Sanitary
	BRISTOW ROAD LLC	702 BRISTOW	Kenton	018-00-00-016.03	Sanitary
	BRISTOW ROAD LLC	702 BRISTOW	Kenton	018-00-00-016.00	Sanitary
	JUMP ALBERT JR & VELMA	783 HOGREFE	Kenton	019-00-00-031.00	Sanitary

BODIES BY MIKE LLC	8525 DIXIE HWY	Kenton	074-00-00-039.01	Sanitary
WELDING ALLOYS U S A INC	8535-8537 DIXIE	Boone	074-00-00-040.00	Sanitary
DUKE ENERGY KENTUCKY INC	8558 DIXIE	Boone	074-00-00-035.01	Sanitary
UNITED DAIRY FARMERS INC	8577 DIXIE	Boone	074-00-00-041.00	Sanitary
SPEGAL LLOYD & JUDITH L	861 E MT ZION	Kenton	018-00-00-003.00	Sanitary
GUENTHER JEFF & BECKY	931 HOGREFE RD	Kenton	019-00-00-019.00	Sanitary
CORPOREX PARKS OF KY INC	9605 SAM NEACE DR	Boone	074-00-00-032.01	Sanitary
KENDALL RICHARD L & WANDA	961 HOGREFE	Kenton	019-00-00-017.00	Sanitary
YEAGER CATHERINE L	963 HOGREFE	Kenton	019-00-00-013.00	Sanitary
YVONNE YEAGER	965 HOGREFE RD	Kenton	019-00-00-013.01	Sanitary
WORKS WAYNE	987 HOGREFE	Kenton	019-00-00-010.00	Sanitary
RICHARDS LEWIS & GLORIA	988 HOGREFE RD	Kenton	019-00-00-011.00	Sanitary
BCDPF FLORENCE LOGISTICS CENTER LLC	9899 SAM NEACE	Boone	074-00-06-010.00	Sanitary
BATTLE RIDGE DEVELOPMENT LLC	CALVARY	Kenton	032-00-00-073.07	Sanitary
KENTON CONSERVANCY INC	CODY	Kenton	032-00-00-066.05	Sanitary
KENTON CONSERVANCY INC	CODY RD	Kenton	032-00-00-066.04	Sanitary
MEADOW GLEN HOMEOWNERS ASSN INC	LOT B SEC 6 MEADOW GLEN SUB	Kenton	032-00-00-008.05	Sanitary
TRANSPORTATION CABINET DEPT OF HWYS	PARCEL 131 TRACT A US 25 - 10000 BLK DIXIE HWY	Kenton	074-00-00-051.01	Sanitary
TRANSPORTATION CABINET DEPT OF HWYS	PARCEL 137 TRACT A - 155 BLK MT ZION HWY	Kenton	074-00-00-040.01	Sanitary
BATTLE RIDGE DEVELOPMENT LLC	TROOPERS XING	Kenton	019-00-00-067.09	Sanitary

CENTRAL BOONE COUNTY CONVEYANCE PHASE 3	SPREHER WILLIAM J & CONSTANCE A	4391 EASTON LN	Boone	017-00-00-016.03	Sanitary

CENTRAL BOONE COUNTY CONVEYANCE PHASE 4	COMMONWEALTH OF KY TRANSPORTATION	3029 PETERSBURG RD	Boone	036-00-00-032.01	Sanitary
	COMMONWEALTH OF KY TRANSPORTATION	3029 PETERSBURG RD	Boone	036-00-00-032.02	Sanitary
	LUCKI VIRGINIA	3061 PETERSBURG RD	Boone	036-00-00-079.00	Sanitary
	COMPTON JASON C	3067 PETERSBURG	Boone	036-00-00-061.00	Sanitary
	ELLEN LUCAS, TRUSTEE	3163 PEEL RD	Boone	025-00-00-007.23	Sanitary
	GOODRIDGE BRIANA R	3175 PEEL	Boone	025-00-00-007.02	Sanitary
	PILLE GAYLE M	3495 FEELEY	Boone	025-00-00-017.18	Sanitary
	PILLE GAYLE M	3500 BLK FEELEY RD	Boone	026-00-00-013.03	Sanitary
	ARLINGHAUS BUILDERS LLC	3523 GARBER	Boone	025-00-00-015.00	Sanitary
	PILLE GAYLE M	4651 IDLEWILD RD	Boone	026-00-00-013.00	Sanitary
	KENTON COUNTY AIRPORT BOARD	4688 IDLEWILD RD	Boone	026-00-00-014.00	Sanitary
	PILLE GAYLE	IDLEWILD RD	Boone	026-00-00-013.01	Sanitary
	PILLE GAYLE M	IDLEWILD RD 22.6 AC	Boone	026-00-00-013.04	Sanitary
	PILLE GAYLE	IDLEWILD RD LOT 24 GAINES FARM	Boone	026-00-00-013.05	Sanitary
	COMMONWEALTH OF KY TRANSPORTATION	PETERSBURG RD	Boone	036-00-04-032.02	Sanitary

NORTHERN BOONE COUNTY GRAVITY BORE	NORRIS TODD AND JULI MARIE ROBERTS	2712 WATTS	Boone	035-00-00-072.04	Sanitary
	FINKE SHARON	2730 WATTS RD	Boone	036-00-00-001.00	Sanitary
	TRANSPORTATION CABINET DEPT OF HIGHWAYS	PARCEL 84 WILLIAMS RD ROW SURPLUS	Boone	035-00-00-072.13	Sanitary

NORTHERN BOONE COUNTY GRAVITY PHASE IB	CONNER DOUGLAS A	OLD GRAVES RD	Boone	036-00-00-017.05	Sanitary
	TRANSPORTATION CABINET DEPT OF HIGHWAYS	GRAVES RD PARCEL 21 ROW SURPLUS	Boone	036-00-00-017.08	Sanitary
	W. RANDY AND DEBRA S GRAVES	2807 OLD GRAVES	Boone	036-00-00-059.04	Sanitary
	CONNER DOUGLAS	2890 OLD GRAVES RD	Boone	036-00-00-016.01	Sanitary
	COMMONWEALTH OF KENTUCKY TRANSPORTATION	WATTS RD 0 PARCEL 29 ROW SURPLUS	Boone	036-00-00-006.05	Sanitary
	EDNA MILLER	2968 WATTS RD	Boone	036-00-00-081.00	Sanitary
	STAPLETON WILLIAM G	3036-3040 PETERSBURG RD	Boone	036-00-00-017.00	Sanitary

MADISON/ORPHANAGE/HIGHLAND	STEPHENS JANICE M	12 BARBARA CIR	Kenton	041-20-00-039.00	Sanitary
	MITCHELL STEVEN L & GINA L	14 BARBARA CIR	Kenton	042-10-00-040.00	Sanitary
	NIENABER KATHERINE D	16 BARBARA CIR	Kenton	042-10-00-042.00	Sanitary
	LEWIN DANIEL	18 BARBARA CIR	Kenton	042-10-00-044.00	Sanitary
	BERLING JAMES W & JUDITH A	1864 HIGHLAND PIKE	Kenton	042-10-00-031.00	Sanitary
	SCHRODER ROGER	1867 HIGHLAND PIKE	Kenton	042-10-00-015.00	Sanitary
	ASHLEY PROPERTIES INC	1913 HIGHLAND PIKE	Kenton	042-20-00-001.00	Sanitary
	TOEBBE GARY R	1925 HIGHLAND PIKE	Kenton	042-20-00-002.00	Sanitary
	OHARA BRIAN J & DEBRA L	1931 HIGHLAND PIKE	Kenton	042-20-00-003.00	Sanitary
	BRADSHAW HAROLD & MARY ANNE	1933 HIGHLAND PIKE	Kenton	042-20-00-082.00	Sanitary
	SMITH DWAYNE A & DONNA B	1935 HIGHLAND PIKE	Kenton	042-20-00-005.00	Sanitary
	BRADSHAW HAROLD & MARY ANNE	1937 HIGHLAND PIKE	Kenton	042-20-00-006.00	Sanitary
	BC PROPERTIES OF NORTHERN KY LLC	1945 HIGHLAND PIKE	Kenton	043-00-01-026.01	Sanitary
	JINGA ANGEL LLC	1955 HIGHLAND PIKE	Kenton	043-00-01-026.02	Sanitary
	M AND T REAL ESTATE HOLDINGS LLC	1965 HIGHLAND PIKE	Kenton	043-00-01-026.03	Sanitary
	FIFTH THIRD BANK OF NORTHERN KY	1975 HIGHLAND PIKE	Kenton	043-00-01-026.05	Sanitary
	WESDORP ROSS G & WESDORP ALLISON R	1995 PIECK LN	Kenton	042-10-00-006.00	Sanitary
	HAMPEL THOMAS & NANCY	1997 PIECK LN	Kenton	042-10-00-007.00	Sanitary
	KREUTZJANS GREGORY A &	20 BARBARA CIR	Kenton	042-10-00-046.05	Sanitary
	CLARK BRANDON S & SHANNON M	2001 PIECK LN	Kenton	028-30-10-030.00	Sanitary
	BOLGER JEFFREY P & MARY E	2003 PIECK LN	Kenton	028-30-10-009.00	Sanitary
	ZUMBIEL DAVID & KATHY A	22 BARBARA CIR	Kenton	042-10-00-046.04	Sanitary
	CITIZENS DEPOSIT BANK & TRUST INC	3425 VALLEYPLAZA PKWY	Kenton	043-00-00-026.10	Sanitary
	BANK OF KENTUCKY INC	3435 VALLEYPLAZA PKWY	Kenton	043-00-00-026.04	Sanitary
	DEDDEN RICHARD & JUDY ANN	3438 REEVES DR	Kenton	042-20-00-001.07	Sanitary
	DEDDEN RICHARD W & JUDY A	3442 REEVES DR	Kenton	042-20-00-001.06	Sanitary
	SCOTT H LEE JR TRUSTEE	3450 VALLEYPLAZA PKWY	Kenton	043-00-00-026.07	Sanitary
	FT WRIGHT INVESTORS LTD	3475 VALLEYPLAZA PKWY	Kenton	043-00-00-026.09	Sanitary
	TEXAS ROADHOUSE HOLDINGS LLC	3480 VALLEYPLAZA PKWY	Kenton	043-00-00-026.06	Sanitary
	GLENWAY SHOPPES LLC	3485 VALLEYPLAZA PKWY	Kenton	043-00-00-026.05	Sanitary
	LAMPKE THOMAS E	36 AUGUSTA AVE	Kenton	041-20-00-038.00	Sanitary
	BOWLING EUGENE R & ROSE H	394 ORPHANAGE RD	Kenton	043-00-00-031.00	Sanitary
	CARNEY VIRGINIA	398 ORPHANAGE RD	Kenton	043-00-00-029.00	Sanitary
	BOWLING JAMES M	404 ORPHANAGE RD	Kenton	043-00-00-030.00	Sanitary
	DECKER NORMAN & ELOISE	410-412 ORPHANAGE RD	Kenton	043-00-00-027.00	Sanitary
	TIRELESS LIMITED PARTNERSHIP	476 ORPHANAGE RD	Kenton	043-00-00-025.03	Sanitary
	WHITE CASTLE KY LLC	482 ORPHANAGE RD	Kenton	043-00-00-026.12	Sanitary
	MIKES NO 57 LLC	488 ORPHANAGE RD	Kenton	043-00-00-025.01	Sanitary
	OCONNOR KATHLEEN S &	56 E ORCHARD RD	Kenton	028-30-11-018.01	Sanitary
	B & Z DEVELOPMENT INC	HIGHLAND PIKE	Kenton	042-20-00-006.01	Sanitary
	FT WRIGHT CITY OF	PIECK LN	Kenton	028-30-10-008.01	Sanitary

	JANSHOR LLC	1020 HANDS PIKE	Kenton	044-20-00-055.08	Sanitary
	PIPES GARY & FREDA	1036 HANDS PIKE	Kenton	044-20-00-065.00	Sanitary
	HURLEY DAVID A & JUDY A	1080 HANDS PIKE	Kenton	044-20-00-068.00	Sanitary
	TIRKALA FERENC & TIRKALANE JUDIT	2001 GRIBBLE DR	Kenton	045-10-01-001.00	Sanitary
	FOSTER B SCOTT	2003 GRIBBLE DR	Kenton	045-10-01-002.00	Sanitary
	GILMAN JEFFREY T	2004 GRIBBLE DR	Kenton	045-10-01-151.00	Sanitary
	BANFIELD RICK L &	2008 GRIBBLE DR	Kenton	045-10-01-150.00	Sanitary

RICHARDSON ROAD TO OLD HANDS PIKE S50

DAVIS SHEENA F	2009 GRIBBLE DR	Kenton	045-10-01-003.00	Sanitary
RICE MICHAEL JOSEPH & RICE SHARON D	2011 GRIBBLE DR	Kenton	045-10-01-004.00	Sanitary
HENDERSON ASHLY ANDREA &	2053 GRIBBLE DR	Kenton	045-10-01-153.00	Sanitary
RIEMEN LISA K	2415 WAYMAN BRANCH RD	Kenton	044-40-00-001.01	Sanitary
EUBANK JAMES T	2490 WAYMAN BRANCH RD	Kenton	044-40-00-010.00	Sanitary
BRADLEY PATRICK	2501 WAYMAN BRANCH RD	Kenton	044-40-00-011.00	Sanitary
PARKER ELLEN T TRUSTEE	2571 WAYMAN BRANCH RD	Kenton	044-40-00-001.00	Sanitary
JEROME B & ELIZABETH A	2580 WAYMAN BRANCH RD	Kenton	044-00-00-050.00	Sanitary
KRAUTH RICHARD & KRAUTH REGINA	2750 WAYMAN BRANCH RD	Kenton	058-20-00-202.00	Sanitary
SIFFEL WILLIAM JR	276 MADISON PIKE	Kenton	045-10-00-003.00	Sanitary
BLACKBURN DON	277 MADISON PIKE	Kenton	045-10-00-027.00	Sanitary
HAMPTON EVALINE	277-B MADISON PIKE	Kenton	045-10-00-065.00	Sanitary
SHIRLEY SCOTT A	278 MADISON PIKE	Kenton	045-10-00-010.00	Sanitary
CABALLERO JORGE CORTEZ &	279 MADISON PIKE	Kenton	045-10-00-004.00	Sanitary
MEDLEY JASON N & MEDLEY JACKIE C	280 MADISON PIKE	Kenton	045-10-00-005.00	Sanitary
MARSH TIM J & HARTKE LEE W	280 A MADISON PIKE	Kenton	045-10-00-006.00	Sanitary
MARTIN TIMOTHY & MARTIN SANDRA A	281 MADISON PIKE	Kenton	045-10-00-011.00	Sanitary
BAKER DAVID RALPH	281-A MADISON PIKE	Kenton	045-10-00-031.00	Sanitary
DGS DEVELOPMENT LTD	282 MADISON PIKE	Kenton	045-10-00-030.01	Sanitary
ROBISON GEORGE J AND EDITH K	283 MADISON PIKE	Kenton	045-10-00-030.00	Sanitary
RILEY MICHAEL S	284 MADISON PIKE	Kenton	045-10-00-036.00	Sanitary
MCCOLLUM OLIVIA & STEPHEN J	284-A MADISON PIKE	Kenton	045-10-00-037.00	Sanitary
BERLING JAMES W	285 MADISON PIKE	Kenton	045-10-00-060.00	Sanitary
DEATON TROY RAY	286 MADISON PIKE	Kenton	045-10-00-026.00	Sanitary
DEATON TROY	286-A MADISON PIKE	Kenton	045-10-00-033.00	Sanitary
BERLING JAMES W	287 MADISON PIKE	Kenton	045-10-00-060.04	Sanitary
KENTON COUNTY FISCAL COURT	288 MADISON PIKE	Kenton	045-10-00-034.00	Sanitary
PALMER REX MORGAN & PALMER ANGELA	288 MADISON PIKE	Kenton	045-10-00-061.00	Sanitary
COMBS JOSEPHINE & TROY	290 MADISON PIKE	Kenton	045-10-00-032.00	Sanitary
KENTON COUNTY FISCAL COURT	291 MADISON PIKE	Kenton	045-10-00-032.01	Sanitary
2467 LEGENDS LLC	295 MADISON PIKE	Kenton	045-10-00-023.00	Sanitary
2467 LEGENDS LLC	299 MADISON PIKE	Kenton	045-10-00-023.03	Sanitary
PHILLIPS ANGELA I	302-C MADISON PIKE	Kenton	045-10-00-028.03	Sanitary
FRANKMAN MARILYN A	303 MADISON PIKE	Kenton	045-10-00-050.02	Sanitary
FRANKMAN JOHN JR & MARILYN	303 MADISON PIKE	Kenton	045-10-00-050.00	Sanitary
ROBINSON CRYSTAL & ROBINSON JENNIFER	305 PLEASURE ISLE DR	Kenton	045-10-00-028.00	Sanitary
ENGLAND CHARLES & KATHLEEN	305-A PLEASURE ISLE DR	Kenton	045-10-00-028.02	Sanitary
JENKINS CHERYL	306 PLEASURE ISLE DR	Kenton	045-10-00-013.00	Sanitary
SMITH ANASTASIA L	307 PLEASURE ISLE DR	Kenton	045-10-00-014.00	Sanitary
MAYO MARK A	308 PLEASURE ISLE DR	Kenton	045-10-00-015.00	Sanitary
DIEHL ALICE F	309 PLEASURE ISLE DR	Kenton	045-10-00-016.00	Sanitary
MURRAY OLGA I & HUGHES WAYNE ELLIOT	310 PLEASURE ISLE DR	Kenton	045-10-00-017.00	Sanitary
BARTON WILLIAM C & BILLIE D	311 PLEASURE ISLE DR	Kenton	045-10-00-012.00	Sanitary
BARTON WILLIAM C & BILLIE	311-A PLEASURE ISLE DR	Kenton	045-10-00-018.00	Sanitary
TRANSITIONS INCORPORATED	313 MADISON PIKE	Kenton	045-10-00-028.06	Sanitary
CKC PROPERTIES LLC	313 PLEASURE ISLE DR	Kenton	045-10-00-020.00	Sanitary
WORKS MARK D	315 PLEASURE ISLE DR	Kenton	045-10-00-019.00	Sanitary
MAYNARD MICHAEL	315-C PLEASURE ISLE DR	Kenton	045-10-00-029.02	Sanitary
PHILLIPS ANGELA J	315-D PLEASURE ISLE DR	Kenton	045-10-00-029.03	Sanitary
YEARY JEFF & YEARY AMY	316 MADISON PIKE	Kenton	045-10-00-074.00	Sanitary
ROBERTSON VIRGINIA	316 PLEASURE ISLE DR	Kenton	045-10-00-021.00	Sanitary
SHIRES WILLIAM	316-A PLEASURE ISLE DR	Kenton	045-10-00-025.00	Sanitary
PERKINS JENNIFER M	317 MADISON PIKE	Kenton	045-10-00-075.00	Sanitary
YEARY JASPER	318 MADISON PIKE	Kenton	045-10-00-076.00	Sanitary
FOSTER CHRISTINA M	321 MADISON PIKE	Kenton	045-10-00-066.00	Sanitary
KASSIS AND KASSIS INC.	322 MADISON PIKE	Kenton	044-20-00-069.00	Sanitary
CKC PROPERTIES LLC	3443 RICHARDSON RD	Kenton	045-10-00-008.04	Sanitary
WORKS MARK D	400 PLEASURE ISLE DR	Kenton	045-10-00-029.00	Sanitary
LACHMANN JAMES S & JUDY A	4125 OLD MADISON PIKE	Kenton	044-20-00-055.00	Sanitary
MOORE DEVELOPMENT, LLC	4147 MADISON PIKE	Kenton	044-20-00-055.02	Sanitary
MOORE DEVELOPMENT, LLC	4147-AA MADISON PK	Kenton	044-20-00-055.01	Sanitary
BANKLICK CHRISTIAN CHURCH	4150 MADISON PIKE	Kenton	044-20-00-070.00	Sanitary
BALDRIDGE HILDEGARD A & BALDRIDGE JR E D	4161 STITH RD	Kenton	044-20-00-067.00	Sanitary
WICK DAVID H	4710 FOWLER CREEK RD	Kenton	045-10-00-045.00	Sanitary
EUBANK JAMES T	5400 ROCKWOOD DR	Kenton	044-00-00-049.07	Sanitary
EUBANK JAMES T	5400 ROCKWOOD DR	Kenton	044-00-00-049.01	Sanitary
EUBANK DAVID A & KIMBERLY L	5425 ROCKWOOD DR	Kenton	044-00-00-049.08	Sanitary
SCOTT FLOYD O	MADISON PIKE	Kenton	045-10-00-047.00	Sanitary
TRANSITIONS RECOVERY KY LLC	PLEASURE ISLE DR	Kenton	045-10-00-028.07	Sanitary

SOUTH PARK DRIVEWAY REPLACEMENT	BCORE DENALI KY OWNER LLC	2051-2053 MERIDIAN PL	Boone	047.00-05-011.00	Sanitary
	HAD LLC C/O NEXUS PM LLC	1900 SANCTUARY PLACE DR	Boone	047.00-00-126.01	Sanitary

MCKEE	DREYER MICHAEL	311 43RD ST E	Kenton	056-41-08-004.00	Sanitary
	STOVER CHARLES R	313 43RD ST E	Kenton	056-41-08-005.00	Sanitary
	STANTON HOMES LLC	315 43RD ST E	Kenton	056-41-08-006.00	Sanitary
	HALL TERESA M	317 43RD ST E	Kenton	056-41-08-007.00	Sanitary
	ALSIP CHRISTOPHER & BERTHA	4307 MCKEE AV	Kenton	056-41-08-008.00	Sanitary

AFTER RECORDING
PLEASE RETURN TO:
SANITATION DISTRICT NO. 1
ATTN: PROPERTY ACQUISITION ADMINISTRATOR
1045 EATON DRIVE
FT. WRIGHT, KY 41017
(859) 578-7467

For SD1 Use Only
Project No.: _____
Cost Code: _____
SD1 Contact for Easement: _____

EASEMENT FOR SEWER

IN CONSIDERATION of _____ and ____/100 Dollars (\$_____) and/or the value and the benefits that Grantor or Grantors will receive by the construction or maintenance of sanitary and/or storm sewer available to serve the property described herein, and other good and valuable consideration, the receipt and sufficiency which is hereby acknowledged, **Gayle Pille**, (hereinafter referred to, jointly if more than one, as "Grantor"), does hereby GRANT AND CONVEY to **Sanitation District No. 1**, ("SD1"), a sanitation district organized pursuant to Kentucky Revised Statute, Chapter 220, whose address is 1045 Eaton Drive, Ft. Wright, Kenton County, Kentucky 41017, its successors and assigns forever, a right of way and easement for sewer purposes, and the right to lay, construct, operate, inspect, maintain, repair, reconstruct and remove a sanitary and/or storm sewer and appurtenances thereto, including, but not limited to, such manholes or other similar structure(s) as SD1 may deem necessary or desirable, along, through, under, across and upon the following described real estate:

Group No.: 2018

Deed Book/Page Number: 1117/569

PIDN: 026.00-00-013.05

Address: Idlewild Road, Burlington, Kentucky, 41005

Legal Description:

DESCRIPTION OF 0.245 ACRES

Located in Boone County, Kentucky, lying on the east side of Idlewild Road (Kentucky Highway 338), approximately 0.3 miles southeast of Akin Lane, and being a part of the same property conveyed to Gayle Pille by deed recorded in Deed Book 1117, page 569, in the office of the Boone County Clerk at Burlington, Kentucky and is more particularly described as follows:

COMMENCING at the most southwesterly common corner of Pille and Kenton County Airport Board (Deed Book 713, page 15) in the northeast right-of-way line of Idlewild Road, 65.00 feet as measured perpendicular to the centerline;

THENCE with the common line of Pille and Kenton County Airport Board N51°17'02"E a distance of 27.33 feet to the **POINT OF BEGINNING** for this description;

THENCE through the grantor's property for the following three (3) courses:

1. N06°43'35"E a distance of 61.51 feet to a point;
2. N46°26'15"E a distance of 407.70 feet to a point;
3. N27°12'13"E a distance of 75.69 feet to a point in the common line of Pille and another parcel conveyed to Gayle Pille (Deed Book 1117, page 574);

THENCE with said common line S74°46'16"E a distance of 20.44 feet to a point;

THENCE through the grantor's property for the following three (3) courses:

1. S27°12'13"W a distance of 83.32 feet to a point;
2. S46°26'15"W a distance of 403.86 feet to a point;
3. S06°43'35"W a distance of 33.97 feet to a point in the common line of Pille and Kenton County Airport Board;

THENCE with said common line S51°17'02"W a distance of 28.51 feet to the **POINT OF BEGINNING**, containing 0.245 acres, more or less.

All bearings referred to herein are based upon the Kentucky State Plane Coordinate System, North Zone, NAD83 (2011).

A MAP SHOWING THE ABOVE DESCRIPTION IS ATTACHED AS EXHIBIT A AND MADE A PART HEREOF.

Subject to any and all zoning, easements, rights-of-way, restrictions, encumbrances, reservations and exceptions of record.

Grantor further grants to SD1 the right of ingress and egress in and over existing ways and lanes to the extent suitable, and other reasonable routes to and upon and along the Easement, at such times and at such points as may reasonably be necessary for the construction, maintenance and/or reconstruction of said sewer and to remove any and all structures, trees, roots, brush or other obstructions within or immediately adjacent to the Easement, which may, in SD1's reasonable opinion, endanger the safety of, or interfere with the construction, operation, maintenance, repair and/or reconstruction of, said sewer and its appurtenances. Grantor shall have no claim with respect to any damages caused by SD1's exercise of its rights hereunder, except to the extent such damage is caused by the gross negligence or willful misconduct of SD1.

Grantor shall have the right to use the surface of the Easement for any purpose, provided such use does not interfere in any way with SD1's use of the Easement as contemplated herein. Grantor shall not build or erect any improvements or structures upon, across, over or through the Easement nor grant any other easement within the Easement, without the prior written approval from SD1, which approval shall not be unreasonably withheld, but which may be conditioned upon the Grantor taking such precautions as SD1 deems appropriate to protect the Easement and avoid interference with its use thereof. SD1's approval shall not relieve Grantor from liability to SD1 for damage caused by such action to the Easement or SD1's appurtenances installed therein.

It is the obligation of Grantor to maintain the Easement in such a manner as not to cause erosion or waste of the Easement area and to not interfere with the operation and/or maintenance of the Easement or any appurtenances installed by SD1 therein.

Grantor warrants that it is the Owner of the Easement in fee simple, subject to matters of record, and that Grantor has all requisite power and authority to grant the Easement and bind itself to the terms and conditions hereof, which grant is made with general warranty of title.

The grant of the Easement is binding upon Grantor, SD1 and their respective heirs, successors and assigns, and same shall run with the land.

TO HAVE AND TO HOLD, the Easement and right of way herein granted unto the said SD1, its successors and assigns, forever.

Grantor herein hereby releases all right, title and interest in and to the Easement, and covenants that the title to the Easement is free, clear and unencumbered, and WARRANTS GENERALLY the said title subject to taxes, assessments and matters of record.

IN WITNESS WHEREOF, the Grantor has hereunto set its hands this ____ day of _____, 20 ____.

GRANTOR(S)

Printed Name: Gayle Pille

STATE OF KENTUCKY, COUNTY OF _____:

SUBSCRIBED, SWORN TO AND ACKNOWLEDGED before me, a Notary Public, this ____ day
of _____, 20 ____ by Gayle Pille.

Notary Public
Commission expires: _____
Identification Number: _____

GROUP NO.: 2018

PIDN: 026.00-00-013.05

PERMANENT EASEMENT AREA: 0.245 ACRES

TEMPORARY EASEMENT AREA: 0.388 ACRES

NOTE: THIS PLAT DOES NOT REPRESENT A
BOUNDARY SURVEY AND WAS NOT PREPARED TO
STANDARDS OF PRACTICE AS DEFINED BY 201
KAR 18:150

KENTON COUNTY
AIRPORT BOARD
D.B. 808, PG. 681

GAYLE PILLE
D.B. 1117, PG. 569

KENTON COUNTY
AIRPORT BOARD
D.B. 713, PG. 15

EX. 65' RW
KY HWY PROJECT
BRZ 0603 (46)

SD1-Pille000214

LE KENTUCKY HIGHWAY 338

R/W Line

R/W Line

P.O.B.

P.O.C.



SCALE: 1"=60'

GAYLE PILLE
D.B. 1117, PG. 574

S74°46'16"E
20.44'

S27°12'13"W 83.32'

N27°12'13"E 75.69'

20' PERMANENT EASEMENT
TO BE GRANTED
(0.245 ACRES)

40' TEMPORARY
CONSTRUCTION EASEMENT
TO BE GRANTED

N46°26'15"E 407.70'
S46°26'15"W 403.86'

20'

N06°43'35"E 61.51'

S06°43'35"W
33.97'

S51°17'02"W
28.51'

N51°17'02"E
27.33'

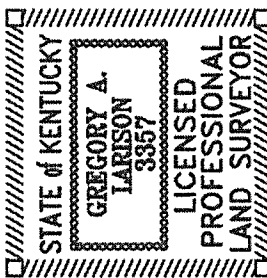
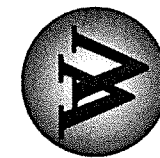


EXHIBIT "A"

BOONE COUNTY KENTUCKY

EAST SIDE OF IDLEWILD ROAD
0.3 MILES SOUTHEAST OF AKIN LANE

JULY 20, 2023 SCALE: 1"=60'



VIOX & VIOX

Civil Engineers, Surveyors, and Landscape Architects
466 Erlanger Road • Erlanger, Kentucky 41018
602 Lila Avenue • Milford, Ohio 45150

Ph Erlanger (859)727-3293 • Ph Milford (513)576-1000 • www.vioxinc.com

KSPCS-North Zone
NAD83 (2011)

AFTER RECORDING
PLEASE RETURN TO:
SANITATION DISTRICT NO. 1
ATTN: PROPERTY ACQUISITION ADMINISTRATOR
1045 EATON DRIVE
FT. WRIGHT, KY 41017
(859) 578-7467

For SD1 Use Only
Project No.: _____
Cost Code: _____
SD1 Contact for Easement: _____

EASEMENT FOR SEWER

IN CONSIDERATION of _____ and ____/100 Dollars (\$_____) and/or the value and the benefits that Grantor or Grantors will receive by the construction or maintenance of sanitary and/or storm sewer available to serve the property described herein, and other good and valuable consideration, the receipt and sufficiency which is hereby acknowledged, **Gayle Pille**, (hereinafter referred to, jointly if more than one, as "Grantor"), does hereby GRANT AND CONVEY to **Sanitation District No. 1**, ("SD1"), a sanitation district organized pursuant to Kentucky Revised Statute, Chapter 220, whose address is 1045 Eaton Drive, Ft. Wright, Kenton County, Kentucky 41017, its successors and assigns forever, a right of way and easement for sewer purposes, and the right to lay, construct, operate, inspect, maintain, repair, reconstruct and remove a sanitary and/or storm sewer and appurtenances thereto, including, but not limited to, such manholes or other similar structure(s) as SD1 may deem necessary or desirable, along, through, under, across and upon the following described real estate:

Group No.: 2018

Deed Book/Page Number: 1117/574

PIDN: 026.00-00-013.04

Address: Idlewild Road, Burlington, Kentucky, 41005

Legal Description:

DESCRIPTION OF 0.077 ACRES

Located in Boone County, Kentucky, lying approximately 500 feet east of Idlewild Road (Kentucky Highway 338), approximately 0.3 miles southeast of Akin Lane, and being a part of the same property conveyed to Gayle Pille by deed recorded in Deed Book 1117, page 574, in the office of the Boone County Clerk at Burlington, Kentucky and is more particularly described as follows:

COMMENCING at the common corner of Pille, another parcel conveyed to Gayle Pille (Deed Book 1117, page 569), and Kenton County Airport Board (Deed Book 713, page 15);

THENCE with the common line of the two parcels conveyed to Pille N74°46'16"W a distance of 49.39 feet to the *POINT OF BEGINNING* for this description;

THENCE continuing with said common line N74°46'16"W a distance of 20.44 feet to a point;

THENCE through the grantor's property for the following two (2) courses:

1. N27°12'13"E a distance of 68.41 feet to a point;
2. N08°33'33"E a distance of 115.77 feet to a point in the common line of Pille and Robert E. & Sandra J. King (Deed Book 987, page 688);

THENCE with said common line S19°30'02"E a distance of 19.81 feet to a point at the common corner of Pille, King, and Kenton County Airport Board;

THENCE with the common line of Pille and Kenton County Airport Board S26°20'33"E a distance of 18.67 feet to a point;

THENCE through the grantor's property for the following two (2) courses:

1. S08°33'33"W a distance of 86.26 feet to a point;
2. S27°12'13"W a distance of 67.45 feet to the *POINT OF BEGINNING*, containing 0.077 acres, more or less.

All bearings referred to herein are based upon the Kentucky State Plane Coordinate System, North Zone, NAD83 (2011).

A MAP SHOWING THE ABOVE DESCRIPTION IS ATTACHED AS EXHIBIT A AND MADE A PART HEREOF.

Subject to any and all zoning, easements, rights-of-way, restrictions, encumbrances, reservations and exceptions of record.

Grantor further grants to SD1 the right of ingress and egress in and over existing ways and lanes to the extent suitable, and other reasonable routes to and upon and along the Easement, at such times and at such points as may reasonably be necessary for the construction, maintenance and/or reconstruction of said sewer and to remove any and all structures, trees, roots, brush or other obstructions within or immediately adjacent to the Easement, which may, in SD1's reasonable opinion, endanger the safety of, or interfere with the construction, operation, maintenance, repair and/or reconstruction of, said sewer and its appurtenances. Grantor shall have no claim with respect to any damages caused by SD1's exercise of its rights hereunder, except to the extent such damage is caused by the gross negligence or willful misconduct of SD1.

Grantor shall have the right to use the surface of the Easement for any purpose, provided such use does not interfere in any way with SD1's use of the Easement as contemplated herein. Grantor shall not build or erect any improvements or structures upon, across, over or through the Easement nor grant any other easement within the Easement, without the prior written approval from SD1, which approval shall not be unreasonably withheld, but which may be conditioned upon the Grantor taking such precautions as SD1 deems appropriate to protect the Easement and avoid interference with its use thereof. SD1's approval shall not relieve Grantor from liability to SD1 for damage caused by such action to the Easement or SD1's appurtenances installed therein.

It is the obligation of Grantor to maintain the Easement in such a manner as not to cause erosion or waste of the Easement area and to not interfere with the operation and/or maintenance of the Easement or any appurtenances installed by SD1 therein.

Grantor warrants that it is the Owner of the Easement in fee simple, subject to matters of record, and that Grantor has all requisite power and authority to grant the Easement and bind itself to the terms and conditions hereof, which grant is made with general warranty of title.

The grant of the Easement is binding upon Grantor, SD1 and their respective heirs, successors and assigns, and same shall run with the land.

TO HAVE AND TO HOLD, the Easement and right of way herein granted unto the said SD1, its successors and assigns, forever.

Grantor herein hereby releases all right, title and interest in and to the Easement, and covenants that the title to the Easement is free, clear and unencumbered, and WARRANTS GENERALLY the said title subject to taxes, assessments and matters of record.

IN WITNESS WHEREOF, the Grantor has hereunto set its hands this ____ day of _____, 20 ____.

GRANTOR(S)

Printed Name: Gayle Pille

STATE OF KENTUCKY, COUNTY OF _____:

SUBSCRIBED, SWORN TO AND ACKNOWLEDGED before me, a Notary Public, this ____ day
of _____, 20 ____ by Gayle Pille.

Notary Public
Commission expires: _____
Identification Number: _____

GROUP NO.: 2018

PIDN: 026.00-00-013.04

PERMANENT EASEMENT AREA: 0.077 ACRES

TEMPORARY EASEMENT AREA: 0.136 ACRES

NOTE: THIS PLAT DOES NOT REPRESENT A
BOUNDARY SURVEY AND WAS NOT PREPARED TO
STANDARDS OF PRACTICE AS DEFINED BY 201
KAR 18:150



KSPCS-North Zone
NAD83 (2011)

ROBERT E. & SANDRA J. KING
D.B. 987, PG. 688

GAYLE PILLE
D.B. 1117, PG. 574

KENTON COUNTY
AIRPORT BOARD
D.B. 713, PG. 15

40' TEMPORARY
CONSTRUCTION EASEMENT
TO BE GRANTED
20' PERMANENT EASEMENT
TO BE GRANTED
(0.077 ACRES)

GAYLE PILLE
D.B. 1117, PG. 569

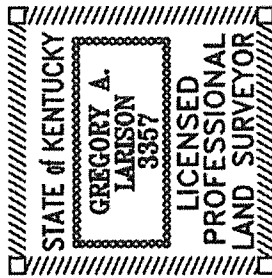
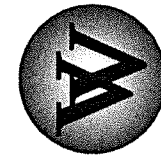


EXHIBIT "A"

BOONE COUNTY KENTUCKY

500 FEET EAST OF IDLEWILD ROAD
0.3 MILES SOUTHEAST OF AKIN LANE

JULY 20, 2023 SCALE: 1"=60'



VIOX & VIOX

Civil Engineers, Surveyors, and Landscape Architects
466 Erlanger Road • Erlanger, Kentucky 41018
602 Lila Avenue • Milford, Ohio 45150

Ph Erlanger (859)727-3293 • Ph Milford (513)576-1000 • www.vioxinc.com

SD1-Pille000219

AFTER RECORDING
PLEASE RETURN TO:
SANITATION DISTRICT NO. 1
ATTN: PROPERTY ACQUISITION ADMINISTRATOR
1045 EATON DRIVE
FT. WRIGHT, KY 41017
(859) 578-7467

For SD1 Use Only
Project No.: _____
Cost Code: _____
SD1 Contact for Easement: _____

EASEMENT FOR SEWER

IN CONSIDERATION of _____ and ____/100 Dollars (\$_____) and/or the value and the benefits that Grantor or Grantors will receive by the construction or maintenance of sanitary and/or storm sewer available to serve the property described herein, and other good and valuable consideration, the receipt and sufficiency which is hereby acknowledged, **Gayle Pille**, (hereinafter referred to, jointly if more than one, as "Grantor"), does hereby GRANT AND CONVEY to **Sanitation District No. 1**, ("SD1"), a sanitation district organized pursuant to Kentucky Revised Statute, Chapter 220, whose address is 1045 Eaton Drive, Ft. Wright, Kenton County, Kentucky 41017, its successors and assigns forever, a right of way and easement for sewer purposes, and the right to lay, construct, operate, inspect, maintain, repair, reconstruct and remove a sanitary and/or storm sewer and appurtenances thereto, including, but not limited to, such manholes or other similar structure(s) as SD1 may deem necessary or desirable, along, through, under, across and upon the following described real estate:

Group No.: 2018

Deed Book/Page Number: 1117/574

PIDN: 026.00-00-013.04

Address: Idlewild Road, Burlington, Kentucky, 41005

Legal Description:

EASEMENT "A"
DESCRIPTION OF 0.077 ACRES

Located in Boone County, Kentucky, lying approximately 500 feet east of Idlewild Road (Kentucky Highway 338), approximately 0.3 miles southeast of Akin Lane, and being a part of the same property conveyed to Gayle Pille by deed recorded in Deed Book 1117, page 574, in the office of the Boone County Clerk at Burlington, Kentucky and is more particularly described as follows:

COMMENCING at the common corner of Pille and another parcel conveyed to Gayle Pille (Deed Book 1117, page 569), said point also being in the west line of Kenton County Airport Board (Deed Book 713, page 15);

THENCE with the common line of the two parcels conveyed to Pille N74°46'16"W a distance of 49.39 feet to the **POINT OF BEGINNING** for this description;

THENCE continuing with said common line N74°46'16"W a distance of 20.44 feet to a point;

THENCE through the grantor's property for the following two (2) courses:

1. N27°12'13"E a distance of 68.41 feet to a point;
2. N08°33'33"E a distance of 115.77 feet to a point in the common line of Pille and Robert E. & Sandra J. King (Deed Book 987, page 688);

THENCE with said common line S19°30'02"E a distance of 19.81 feet to a point at the common corner of Pille, King, and Kenton County Airport Board;

THENCE with the common line of Pille and Kenton County Airport Board S26°20'33"E a distance of 18.67 feet to a point;

THENCE through the grantor's property for the following two (2) courses:

1. S08°33'33"W a distance of 86.26 feet to a point;
2. S27°12'13"W a distance of 67.45 feet to the **POINT OF BEGINNING**, containing 0.077 acres, more or less.

All bearings referred to herein are based upon the Kentucky State Plane Coordinate System, North Zone, NAD83 (2011).

EASEMENT "B"
DESCRIPTION OF 0.383 ACRES

Located in Boone County, Kentucky, lying approximately 500 feet east of Idlewild Road (Kentucky Highway 338), approximately 0.3 miles southeast of Akin Lane, and being a part of the same property conveyed to Gayle Pille by deed recorded in Deed Book 1117, page 574, in the office of the Boone County Clerk at Burlington, Kentucky and is more particularly described as follows:

COMMENCING at the common corner of Pille and another parcel conveyed to Gayle Pille (Deed Book 1099, page 9), said point also being in the west line of Robert E. & Sandra J. King (Deed Book 987, page 688);

THENCE with the common line of Pille and King for the following three (3) courses:

1. S20°41'38"E a distance of 51.02 feet to a point;
2. S39°49'28"E a distance of 257.27 feet to a point;

3. S70°54'37"E a distance of 110.04 feet to the **POINT OF BEGINNING** for this description;

THENCE continuing with said common line for the following two (2) courses:

1. S70°54'37"E a distance of 0.95 feet to a point;
2. S54°24'35"E a distance of 29.57 feet to a point;

THENCE through the grantor's property for the following five (5) courses:

1. S13°54'59"E a distance of 68.20 feet to a point;
2. S02°09'22"W a distance of 233.35 feet to a point;
3. S05°08'14"W a distance of 171.79 feet to a point;
4. S11°31'41"W a distance of 269.81 feet to a point;
5. S54°40'24"E a distance of 67.75 feet to a point in the common line of Pille and King;

THENCE with said common line S13°16'49"W a distance of 21.58 feet to a point;

THENCE through the grantor's property for the following five (5) courses:

1. N54°40'24"W a distance of 88.89 feet to a point;
2. N11°31'41"E a distance of 281.73 feet to a point;
3. N05°08'14"E a distance of 170.15 feet to a point;
4. N02°09'22"E a distance of 230.00 feet to a point;
5. N13°54'59"W a distance of 88.38 feet to the **POINT OF BEGINNING**, containing 0.383 acres, more or less.

All bearings referred to herein are based upon the Kentucky State Plane Coordinate System, North Zone, NAD83 (2011).

A MAP SHOWING THE ABOVE DESCRIPTION IS ATTACHED AS EXHIBIT A AND MADE A PART HEREOF.

Subject to any and all zoning, easements, rights-of-way, restrictions, encumbrances, reservations and exceptions of record.

Grantor further grants to SD1 the right of ingress and egress in and over existing ways and lanes to the extent suitable, and other reasonable routes to and upon and along the Easement, at such times and at such points as may reasonably be necessary for the construction, maintenance and/or reconstruction of said sewer and to remove any and all structures, trees, roots, brush or other obstructions within or immediately adjacent to the Easement, which may, in SD1's reasonable opinion, endanger the safety of, or interfere with the construction, operation, maintenance, repair and/or reconstruction of, said sewer and its appurtenances. Grantor shall have no claim with respect to any damages caused by SD1's exercise of its rights hereunder, except to the extent such damage is caused by the gross negligence or willful misconduct of SD1.

Grantor shall have the right to use the surface of the Easement for any purpose, provided such use does not interfere in any way with SD1's use of the Easement as contemplated herein. Grantor shall not build or erect any improvements or structures upon, across, over or through the Easement nor grant any other easement within the Easement, without the prior written approval from SD1, which approval shall not be unreasonably withheld, but which may be conditioned upon the Grantor taking such precautions as SD1 deems appropriate to protect the Easement and avoid interference with its use thereof. SD1's approval shall not relieve Grantor from liability to SD1 for damage caused by such action to the Easement or SD1's appurtenances installed therein.

It is the obligation of Grantor to maintain the Easement in such a manner as not to cause erosion or waste of the Easement area and to not interfere with the operation and/or maintenance of the Easement or any appurtenances installed by SD1 therein.

Grantor warrants that it is the Owner of the Easement in fee simple, subject to matters of record, and that Grantor has all requisite power and authority to grant the Easement and bind itself to the terms and conditions hereof, which grant is made with general warranty of title.

The grant of the Easement is binding upon Grantor, SD1 and their respective heirs, successors and assigns, and same shall run with the land.

TO HAVE AND TO HOLD, the Easement and right of way herein granted unto the said SD1, its successors and assigns, forever.

Grantor herein hereby releases all right, title and interest in and to the Easement, and covenants that the title to the Easement is free, clear and unencumbered, and WARRANTS GENERALLY the said title subject to taxes, assessments and matters of record.

IN WITNESS WHEREOF, the Grantor has hereunto set its hands this ____ day of _____, 20 ____.

GRANTOR(S)

Printed Name: Gayle Pille

STATE OF KENTUCKY, COUNTY OF _____:

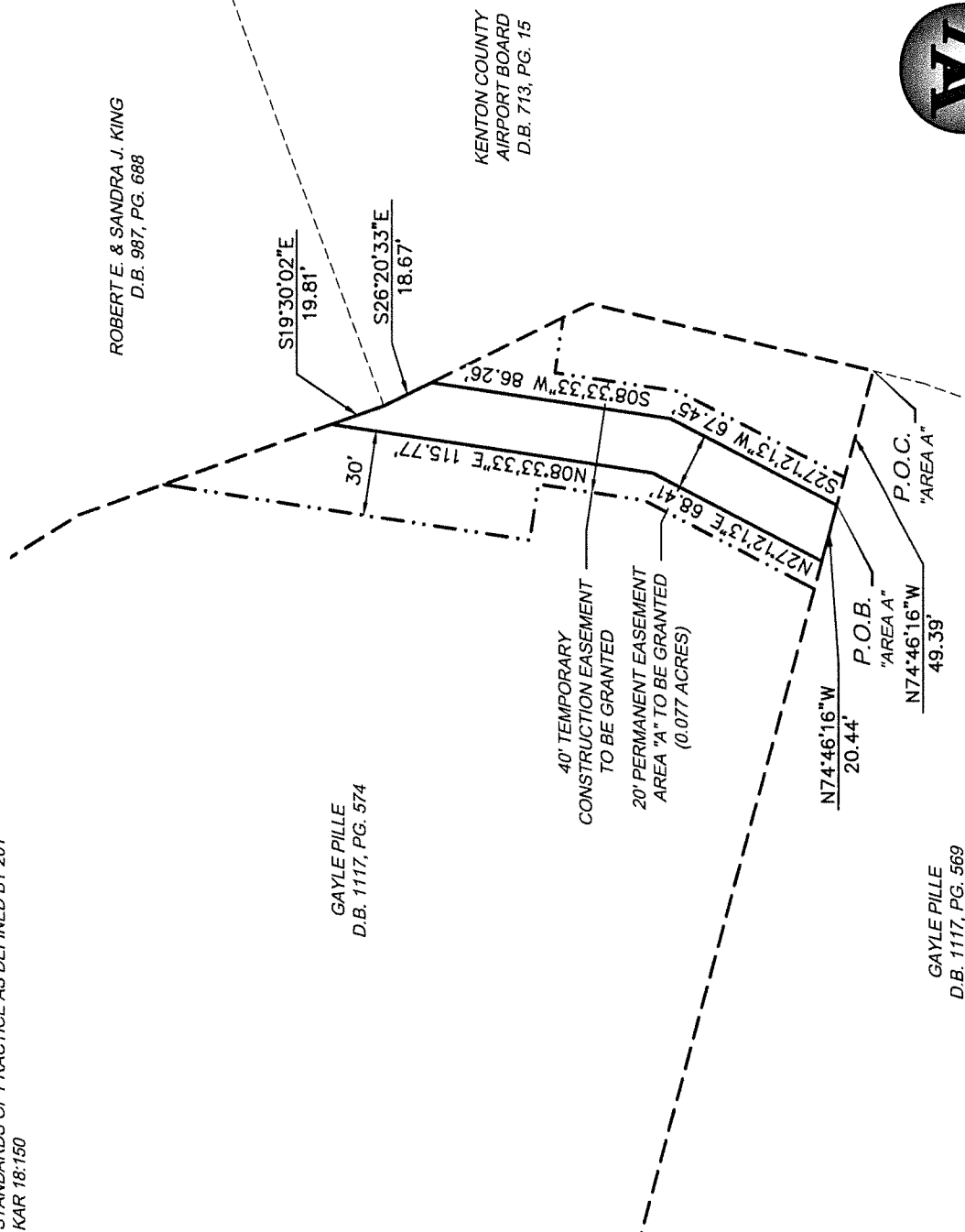
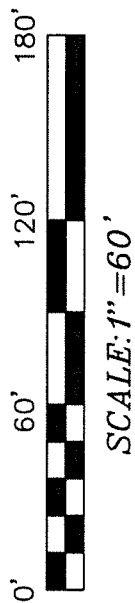
SUBSCRIBED, SWORN TO AND ACKNOWLEDGED before me, a Notary Public, this ____ day
of _____, 20 ____ by Gayle Pille.

Notary Public
Commission expires: _____
Identification Number: _____

GROUP NO.: 2018
PIDN: 026.00-00-013.04

PERMANENT EASEMENT AREA "A": 0.077 ACRES
PERMANENT EASEMENT AREA "B": 0.383 ACRES
TOTAL TEMPORARY EASEMENT AREA: 0.678 ACRES

NOTE: THIS PLAT DOES NOT REPRESENT A
BOUNDARY SURVEY AND WAS NOT PREPARED TO
STANDARDS OF PRACTICE AS DEFINED BY 201
KAR 18:150



KSPCS-North Zone
NAD83 (2011)

GAYLE PILLE
D.B. 1117, PG. 574

ROBERT E. & SANDRA J. KING
D.B. 987, PG. 688

KENTON COUNTY
AIRPORT BOARD
D.B. 713, PG. 15

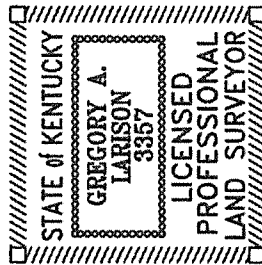
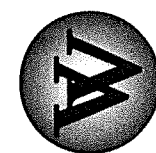


EXHIBIT "A"

BOONE COUNTY KENTUCKY

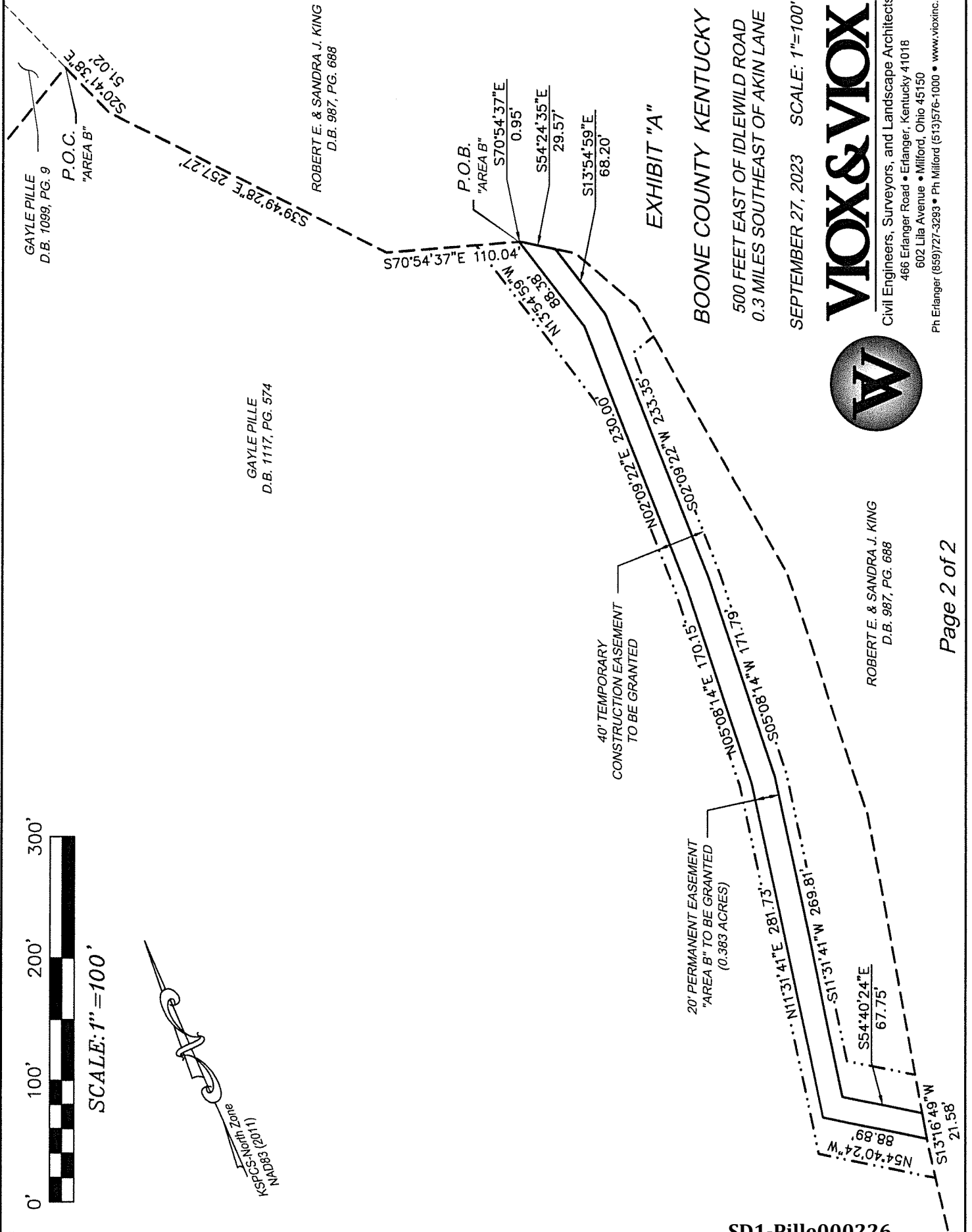
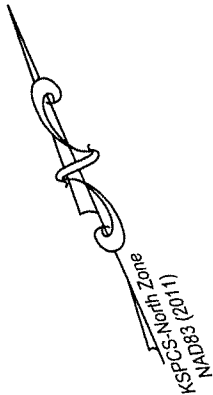
500 FEET EAST OF IDLEWILD ROAD
0.3 MILES SOUTHEAST OF AKIN LANE

SEPTEMBER 27, 2023 SCALE: 1"=60'



VIOX & VIOX

Civil Engineers, Surveyors, and Landscape Architects
466 Erlanger Road • Erlanger, Kentucky 41018
602 Lila Avenue • Milford, Ohio 45150
Ph Erlanger (859)727-3293 • Ph Milford (513)576-1000 • www.vioxinc.com



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Ph Erlanger (859)727-3293 • Ph Milford (513)576-1000 • www.vioxinc.com

AFTER RECORDING
PLEASE RETURN TO:
SANITATION DISTRICT NO. 1
ATTN: PROPERTY ACQUISITION ADMINISTRATOR
1045 EATON DRIVE
FT. WRIGHT, KY 41017
(859) 578-7467

For SD1 Use Only
Project No.: _____
Cost Code: _____
SD1 Contact for Easement: _____

EASEMENT FOR SEWER

IN CONSIDERATION of _____ and ____/100 Dollars (\$_____) and/or the value and the benefits that Grantor or Grantors will receive by the construction or maintenance of sanitary and/or storm sewer available to serve the property described herein, and other good and valuable consideration, the receipt and sufficiency which is hereby acknowledged, **Gayle Pille**, (hereinafter referred to, jointly if more than one, as "Grantor"), does hereby GRANT AND CONVEY to **Sanitation District No. 1**, ("SD1"), a sanitation district organized pursuant to Kentucky Revised Statute, Chapter 220, whose address is 1045 Eaton Drive, Ft. Wright, Kenton County, Kentucky 41017, its successors and assigns forever, a right of way and easement for sewer purposes, and the right to lay, construct, operate, inspect, maintain, repair, reconstruct and remove a sanitary and/or storm sewer and appurtenances thereto, including, but not limited to, such manholes or other similar structure(s) as SD1 may deem necessary or desirable, along, through, under, across and upon the following described real estate:

Group No.: 2018

Deed Book/Page Number: 517/261

PIDN: 025.00-00-017.18

Address: 3495 Feeley Road, Burlington, Kentucky, 41005

Legal Description:

DESCRIPTION OF 0.480 ACRES

Located in Boone County, Kentucky, lying on the east side of Idlewild Road, approximately 0.4 miles east of Idlewild Road (Kentucky Highway 338), and being a part of the same property conveyed to Gayle Pille by deed recorded in Deed Book 517, page 261, in the office of the Boone County Clerk at Burlington, Kentucky and is more particularly described as follows:

COMMENCING at the common corner of Pille, another parcel conveyed to Gayle M. Pille (Deed Book 1099, page 9), and Robert E. & Sandra J. King (Deed Book 987, page 688);

THENCE with the common line of Pille and King N80°29'01"E a distance of 67.91 feet to the *POINT OF BEGINNING* for this description;

THENCE through the grantor's property for the following five (5) courses:

1. N02°09'14"W a distance of 289.31 feet to a point;
2. N12°27'54"E a distance of 390.92 feet to a point;
3. N09°40'59"W a distance of 159.38 feet to a point;
4. N35°36'55"W a distance of 105.39 feet to a point;
5. N14°16'53"W a distance of 105.08 feet to a point in the common line of Pille and Bean A. & Victoria Berberich (Deed Book 1021, page 159);

THENCE with said common line S79°17'56"E a distance of 22.06 feet to a point;

THENCE through the grantor's property for the following five (5) courses:

1. S14°16'53"E a distance of 92.00 feet to a point;
2. S35°36'55"E a distance of 106.23 feet to a point;
3. S09°40'59"E a distance of 167.90 feet to a point;
4. S12°27'54"W a distance of 392.27 feet to a point;
5. S02°09'14"E a distance of 284.16 feet to a point in the common line of Pille and King;

THENCE with said common line S80°29'01"W a distance of 20.17 feet to the *POINT OF BEGINNING*, containing 0.480 acres, more or less.

All bearings referred to herein are based upon the Kentucky State Plane Coordinate System, North Zone, NAD83 (2011).

A MAP SHOWING THE ABOVE DESCRIPTION IS ATTACHED AS EXHIBIT A AND MADE A PART HEREOF.

Subject to any and all zoning, easements, rights-of-way, restrictions, encumbrances, reservations and exceptions of record.

Grantor further grants to SD1 the right of ingress and egress in and over existing ways and lanes to the extent suitable, and other reasonable routes to and upon and along the Easement, at such times and at such points as may reasonably be necessary for the construction, maintenance and/or reconstruction of said sewer and to remove any and all structures, trees, roots, brush or other obstructions within or immediately adjacent to the Easement, which may, in SD1's reasonable opinion, endanger the safety of, or interfere with the construction, operation, maintenance, repair and/or reconstruction of, said sewer and its appurtenances. Grantor shall have no claim with respect to any

damages caused by SD1's exercise of its rights hereunder, except to the extent such damage is caused by the gross negligence or willful misconduct of SD1.

Grantor shall have the right to use the surface of the Easement for any purpose, provided such use does not interfere in any way with SD1's use of the Easement as contemplated herein. Grantor shall not build or erect any improvements or structures upon, across, over or through the Easement nor grant any other easement within the Easement, without the prior written approval from SD1, which approval shall not be unreasonably withheld, but which may be conditioned upon the Grantor taking such precautions as SD1 deems appropriate to protect the Easement and avoid interference with its use thereof. SD1's approval shall not relieve Grantor from liability to SD1 for damage caused by such action to the Easement or SD1's appurtenances installed therein.

It is the obligation of Grantor to maintain the Easement in such a manner as not to cause erosion or waste of the Easement area and to not interfere with the operation and/or maintenance of the Easement or any appurtenances installed by SD1 therein.

Grantor warrants that it is the Owner of the Easement in fee simple, subject to matters of record, and that Grantor has all requisite power and authority to grant the Easement and bind itself to the terms and conditions hereof, which grant is made with general warranty of title.

The grant of the Easement is binding upon Grantor, SD1 and their respective heirs, successors and assigns, and same shall run with the land.

TO HAVE AND TO HOLD, the Easement and right of way herein granted unto the said SD1, its successors and assigns, forever.

Grantor herein hereby releases all right, title and interest in and to the Easement, and covenants that the title to the Easement is free, clear and unencumbered, and WARRANTS GENERALLY the said title subject to taxes, assessments and matters of record.

IN WITNESS WHEREOF, the Grantor has hereunto set its hands this ____ day of _____, 20____.

GRANTOR(S)

Printed Name: Gayle Pille

STATE OF KENTUCKY, COUNTY OF _____:

SUBSCRIBED, SWORN TO AND ACKNOWLEDGED before me, a Notary Public, this ____ day
of _____, 20____ by Gayle Pille.

Notary Public
Commission expires: _____
Identification Number: _____

GROUP NO.: 2018

PIDN: 025.00-00-017.18

PERMANENT EASEMENT AREA: 0.480 ACRES

TEMPORARY EASEMENT AREA: 0.760 ACRES

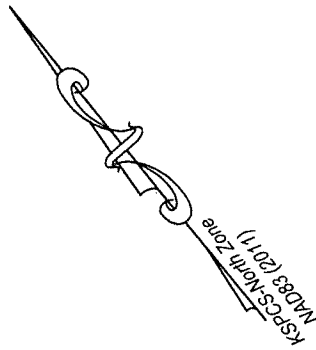
NOTE: THIS PLAT DOES NOT REPRESENT A
BOUNDARY SURVEY AND WAS NOT PREPARED TO
STANDARDS OF PRACTICE AS DEFINED BY 201
KAR 18:150



PAGE 1 OF 2

20' PERMANENT EASEMENT
TO BE GRANTED
(0.245 ACRES)

40' TEMPORARY
CONSTRUCTION EASEMENT
TO BE GRANTED



GAYLE M. PILLE
D.B. 1099, PG. 9

GAYLE PILLE
D.B. 517, PG. 261

DEAN A. & VICTORIA
BERBERICH
D.B. 1021, PG. 159

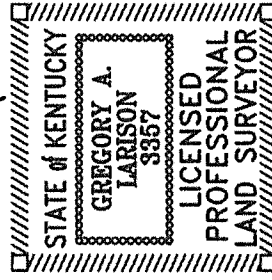


EXHIBIT "A"

BOONE COUNTY KENTUCKY

EAST SIDE OF FEELEY ROAD
0.4 MILES EAST OF IDLEWILD ROAD

JULY 20, 2023 SCALE: 1"=60'



VIOX & VIOX

Civil Engineers, Surveyors, and Landscape Architects
466 Erlanger Road • Erlanger, Kentucky 41018
602 Lila Avenue • Milford, Ohio 45150
Ph Erlanger (859)727-3293 • Ph Milford (513)576-1000 • www.vioxinc.com

ROBERT E. & SANDRA J. KING
D.B. 987, PG. 688

P.O.C.

SD1-Pille000231

P.O.B.

N80°29'01"E
67.91'

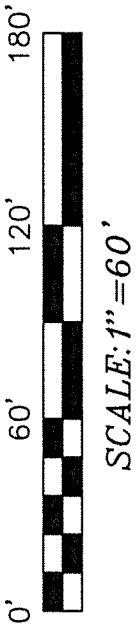
S80°29'01"W
20.17'

N02°09'14"W 289.31'
S02°09'14"E 284.16'

20'

80'

N12°27'34"E 390.92'
S12°27'34"W 392.27'



H. MICHAEL & BARBARA LAWRENCE
D.B. 197, PG. 163

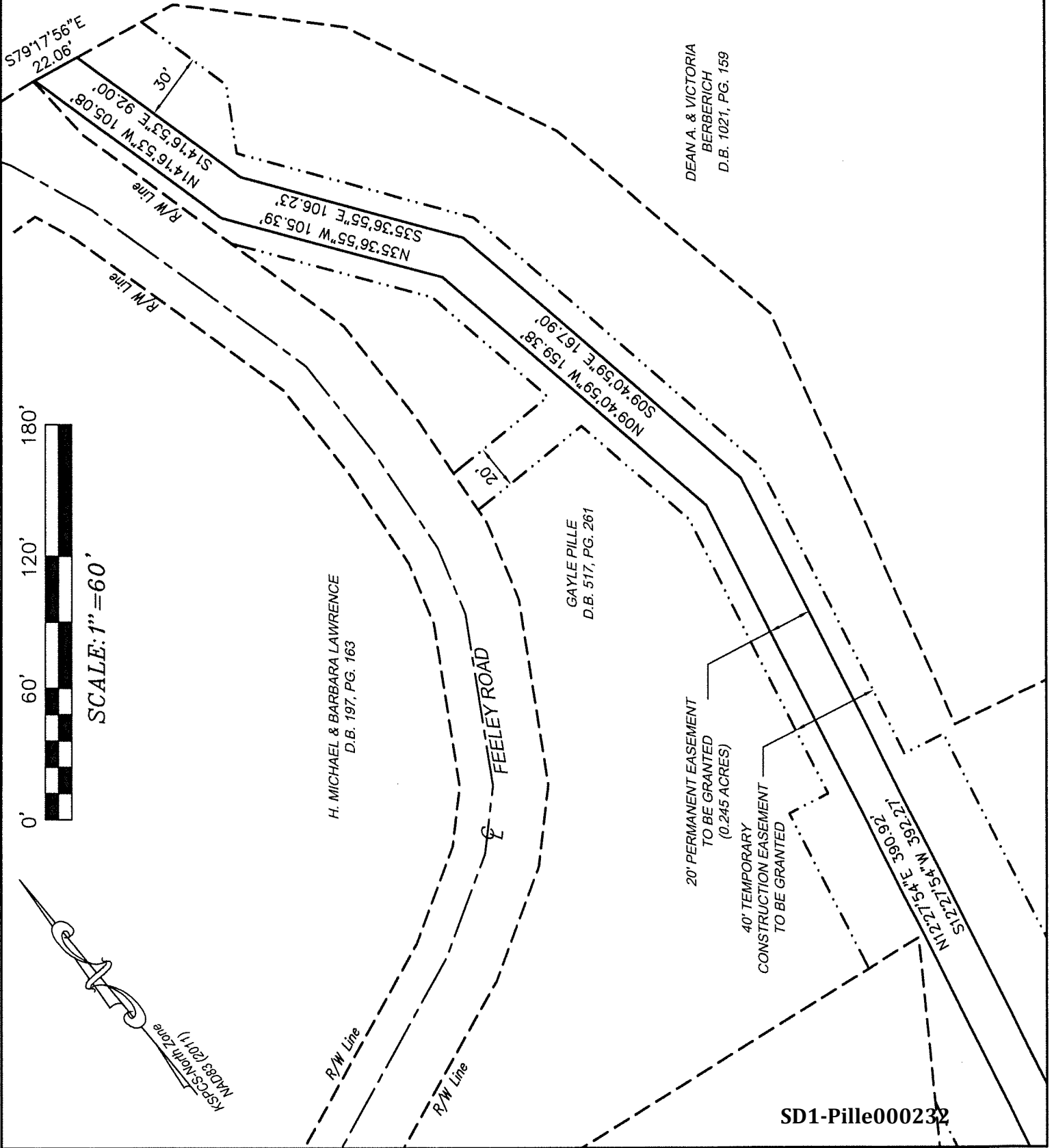
GAYLE PILLE
D.B. 517, PG. 261

20' PERMANENT EASEMENT
TO BE GRANTED
(0.245 ACRES)

40' TEMPORARY
CONSTRUCTION EASEMENT
TO BE GRANTED

DEAN A. & VICTORIA
BERBERICH
D.B. 1021, PG. 159

SD1-Pille000232



AFTER RECORDING
PLEASE RETURN TO:
SANITATION DISTRICT NO. 1
ATTN: PROPERTY ACQUISITION ADMINISTRATOR
1045 EATON DRIVE
FT. WRIGHT, KY 41017
(859) 578-7467

For SD1 Use Only	
Project No.:	_____
Cost Code:	_____
SD1 Contact for Easement:	_____

TEMPORARY CONSTRUCTION EASEMENT FOR SANITARY AND/OR STORM SEWER

IN CONSIDERATION of _____ (\$_____) and/or the value and the benefits that Grantor or Grantors will receive by the construction or maintenance of sanitary and/or storm sewer available to serve the property described herein, and other good and valuable consideration, the receipt and sufficiency which is hereby acknowledged, **Gayle Pille**, (hereinafter referred to, jointly if more than one, as "Grantor"), does hereby GRANT AND CONVEY to **Sanitation District No. 1**, ("SD1"), a sanitation district organized pursuant to Kentucky Revised Statute, Chapter 220, whose address is 1045 Eaton Drive, Ft. Wright, Kenton County, Kentucky 41017, its successors and assigns, a right of way and temporary construction easement for sanitary and/or storm sewer construction purposes upon the following described real estate:

Group No.: 2018

Deed Book/Page Number: 1117/569

PIDN: 026.00-00-013.05

Address: Idlewild Road, Burlington, KY 41005

A MAP SHOWING THE TEMPORARY EASEMENT AREA IS ATTACHED AS EXHIBIT A AND MADE A PART HEREOF.

This Temporary Easement is granted solely for the purpose of SD1's Central Boone County Project ("Project") and will be in effect from the start of the Project, as determined by the beginning of onsite construction for the duration of two years or until the completion of the Project, whichever occurs first.

Subject to any and all zoning, easements, rights-of-way, restrictions, encumbrances, reservations and exceptions of record.

Grantor warrants that it is the Owner of the Temporary Easement in fee simple, subject to matters of record, and that Grantor has all requisite power and authority to grant the Temporary Easement and bind itself to the terms and conditions hereof, which grant is made with general warranty of title.

The grant of the Temporary Easement is binding upon Grantor, SD1 and their respective heirs, successors and assigns, and same shall run with the land.

TO HAVE AND TO HOLD, the Easement and right of way herein granted unto the said SD1, its successors and assigns, until the completion of the Project or two years, whichever occurs first.

Grantor herein hereby releases all right, title and interest in and to the Temporary Easement, and covenants that the title to the Temporary Easement is free, clear and unencumbered, and WARRANTS GENERALLY the said title subject to taxes, assessments, and matters of record.

IN WITNESS WHEREOF, the Grantors have hereunto set their hands this ____ day of _____,
20____.

GRANTOR(S):

Printed Name: Gayle Pille

STATE OF KENTUCKY, COUNTY OF _____:

The foregoing instrument was acknowledged before me this ____ day of _____, 20____ by Gayle Pille

NOTARY PUBLIC
Commission expires: _____
Identification No.: _____

This instrument prepared by:

Brian M. Ellerman
General Counsel
Sanitation District No. 1
1045 Eaton Drive
Ft. Wright, KY 41017

GROUP NO.: 2018

PIDN: 026.00-00-013.05

PERMANENT EASEMENT AREA: 0.245 ACRES

TEMPORARY EASEMENT AREA: 0.488 ACRES

NOTE: THIS PLAT DOES NOT REPRESENT A
BOUNDARY SURVEY AND WAS NOT PREPARED TO
STANDARDS OF PRACTICE AS DEFINED BY 201
KAR 18:150

GAYLE PILLE
D.B. 1191, PG. 625

GAYLE PILLE
D.B. 1117, PG. 569

20' PERMANENT EASEMENT
TO BE GRANTED
(0.245 ACRES)

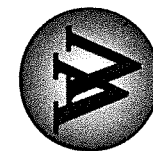
40' TEMPORARY
CONSTRUCTION EASEMENT
TO BE GRANTED

KENTON COUNTY
AIRPORT BOARD
D.B. 713, PG. 15

BOONE COUNTY KENTUCKY

EAST SIDE OF IDLEWILD ROAD
0.3 MILES SOUTHEAST OF AKIN LANE

FEBRUARY 28, 2024 SCALE: 1"=60'



VIOX & VIOX

Civil Engineers, Surveyors, and Landscape Architects
466 Erlanger Road • Erlanger, Kentucky 41018
602 Lila Avenue • Milford, Ohio 45150
Ph Erlanger (859)727-3293 • Ph Milford (513)576-1000 • www.vioxinc.com

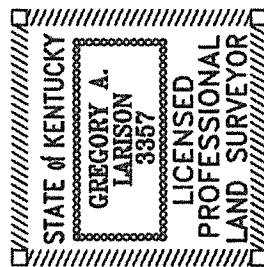


EXHIBIT "A"

GAYLE PILLE
D.B. 1117, PG. 574



SCALE: 1"=60'

KSPCS-North Zone
NAD83 (2011)

IDEWILD ROAD
E KENTUCKY HIGHWAY 338

R/W Line

R/W Line

EX. 65' R/W
KY HWY PROJECT
BRZ 0603 (46)

P.O.B.

P.O.C.

SD1-Pille000236

AFTER RECORDING
PLEASE RETURN TO:
SANITATION DISTRICT NO. 1
ATTN: PROPERTY ACQUISITION ADMINISTRATOR
1045 EATON DRIVE
FT. WRIGHT, KY 41017
(859) 578-7467

For SD1 Use Only
Project No.: _____
Cost Code: _____
SD1 Contact for Easement: _____

TEMPORARY CONSTRUCTION EASEMENT FOR SANITARY AND/OR STORM SEWER

IN CONSIDERATION of _____ (\$ _____)
and/or the value and the benefits that Grantor or Grantors will receive by the construction or maintenance of sanitary
and/or storm sewer available to serve the property described herein, and other good and valuable consideration, the
receipt and sufficiency which is hereby acknowledged, **Gayle Pille**, (hereinafter referred to, jointly if more than
one, as "Grantor"), does hereby GRANT AND CONVEY to **Sanitation District No. 1**, ("SD1"), a sanitation district
organized pursuant to Kentucky Revised Statute, Chapter 220, whose address is 1045 Eaton Drive, Ft. Wright,
Kenton County, Kentucky 41017, its successors and assigns, a right of way and temporary construction easement for
sanitary and/or storm sewer construction purposes upon the following described real estate:

Group No.: 2018

Deed Book/Page Number: 1117/574

PIDN: 026.00-00-013.04

Address: Idlewild Road, Burlington, KY 41005

A MAP SHOWING THE TEMPORARY EASEMENT AREA IS ATTACHED AS EXHIBIT A AND MADE A PART HEREOF.

This Temporary Easement is granted solely for the purpose of SD1's Central Boone County Project ("Project") and will be in effect from the start of the Project, as determined by the beginning of onsite construction for the duration of two years or until the completion of the Project, whichever occurs first.

Subject to any and all zoning, easements, rights-of-way, restrictions, encumbrances, reservations and exceptions of record.

Grantor warrants that it is the Owner of the Temporary Easement in fee simple, subject to matters of record, and that Grantor has all requisite power and authority to grant the Temporary Easement and bind itself to the terms and conditions hereof, which grant is made with general warranty of title.

The grant of the Temporary Easement is binding upon Grantor, SD1 and their respective heirs, successors and assigns, and same shall run with the land.

TO HAVE AND TO HOLD, the Easement and right of way herein granted unto the said SD1, its successors and assigns, until the completion of the Project or two years, whichever occurs first.

Grantor herein hereby releases all right, title and interest in and to the Temporary Easement, and covenants that the title to the Temporary Easement is free, clear and unencumbered, and WARRANTS GENERALLY the said title subject to taxes, assessments, and matters of record.

IN WITNESS WHEREOF, the Grantors have hereunto set their hands this ____ day of _____,
20_____.

GRANTOR(S):

Printed Name: Gayle Pille

STATE OF KENTUCKY, COUNTY OF _____:

The foregoing instrument was acknowledged before me this ____ day of _____, 20 ____ by Gayle Pille

NOTARY PUBLIC

Commission expires: _____

Identification No.: _____

This instrument prepared by:

Brian M. Ellerman
General Counsel
Sanitation District No. 1
1045 Eaton Drive
Ft. Wright, KY 41017

PERMANENT EASEMENT AREA "A": 0.077 ACRES
PERMANENT EASEMENT AREA "B": 0.383 ACRES
TOTAL TEMPORARY EASEMENT AREA: 0.678 ACRES

NOTE: THIS PLAT DOES NOT REPRESENT A
BOUNDARY SURVEY AND WAS NOT PREPARED TO
STANDARDS OF PRACTICE AS DEFINED BY 201
KAR 18-150

GAYLE PILLE
D.B. 1117, PG. 574

40' TEMPORARY
CONSTRUCTION EASEMENT
TO BE GRANTED

20' PERMANENT EASEMENT
AREA "A" TO BE GRANTED
(0.077 ACRES)

GAYLE PILLE
D.B. 1117, PG. 569

KENTON COUNTY
AIRPORT BOARD
D.B. 713, PG. 15

ROBERT E. & SANDRA J. KING
D.B. 987, PG. 688

STATE of KENTUCKY

GREGORY A.
LARISON
3357

LICENSED
PROFESSIONAL
LAND SURVEYOR

EXHIBIT "A"

BOONE COUNTY KENTUCKY

500 FEET EAST OF IDLEWILD ROAD
0.3 MILES SOUTHEAST OF AKIN LANE

SEPTMBER 27, 2023 SCALE: 1"=60'

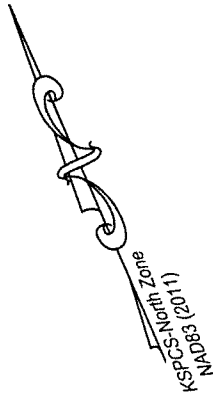
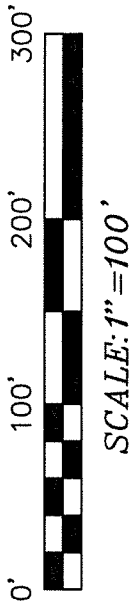
VIOX & VIOX

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602 Lila Avenue • Milford, Ohio 45150

Ph Erlanger (859)727-3293 • Ph Milford (513)576-1000 • www.vioxinc.com

Page 1 of 2

~~SD1-Pille000240~~



GAYLE PILLE
D.B. 1099, PG. 9

P.O.C.
"AREA B"

S20°41'38"E
51.02'

S39°49'28"E
257.27'

ROBERT E. & SANDRA J. KING
D.B. 987, PG. 688

GAYLE PILLE
D.B. 1117, PG. 574

S70°54'37"E
110.04'

P.O.B.
"AREA B"

S70°54'37"E
0.95'

S54°24'35"E
29.57'

S13°54'59"E
68.20'

40' TEMPORARY
CONSTRUCTION EASEMENT
TO BE GRANTED

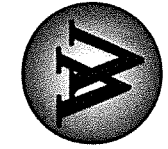
20' PERMANENT EASEMENT
"AREA B" TO BE GRANTED
(0.383 ACRES)

EXHIBIT "A"

BOONE COUNTY KENTUCKY

500 FEET EAST OF IDLEWILD ROAD
0.3 MILES SOUTHEAST OF AKIN LANE

SEPTEMBER 27, 2023 SCALE: 1"=100'



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602 Lila Avenue • Milford, Ohio 45150

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ROBERT E. & SANDRA J. KING
D.B. 987, PG. 688

Page 2 of 2

SD1-Pille000241

AFTER RECORDING
PLEASE RETURN TO:
SANITATION DISTRICT NO. 1
ATTN: PROPERTY ACQUISITION ADMINISTRATOR
1045 EATON DRIVE
FT. WRIGHT, KY 41017
(859) 578-7467

For SD1 Use Only

Project No.: _____
Cost Code: _____
SD1 Contact for Easement: _____

TEMPORARY CONSTRUCTION EASEMENT FOR SANITARY AND/OR STORM SEWER

IN CONSIDERATION of _____ (\$_____) and/or the value and the benefits that Grantor or Grantors will receive by the construction or maintenance of sanitary and/or storm sewer available to serve the property described herein, and other good and valuable consideration, the receipt and sufficiency which is hereby acknowledged, **Gayle Pille**, (hereinafter referred to, jointly if more than one, as "Grantor"), does hereby GRANT AND CONVEY to **Sanitation District No. 1**, ("SD1"), a sanitation district organized pursuant to Kentucky Revised Statute, Chapter 220, whose address is 1045 Eaton Drive, Ft. Wright, Kenton County, Kentucky 41017, its successors and assigns, a right of way and temporary construction easement for sanitary and/or storm sewer construction purposes upon the following described real estate:

Group No.: 2018

Deed Book/Page Number: 517/261

PIDN: 025.00-00-017.18

Address: 3495 Feeley Road, Burlington, KY 41005

A MAP SHOWING THE TEMPORARY EASEMENT AREA IS ATTACHED AS EXHIBIT A AND MADE A PART HEREOF.

This Temporary Easement is granted solely for the purpose of SD1's Central Boone County Project ("Project") and will be in effect from the start of the Project, as determined by the beginning of onsite construction for the duration of two years or until the completion of the Project, whichever occurs first.

Subject to any and all zoning, easements, rights-of-way, restrictions, encumbrances, reservations and exceptions of record.

Grantor warrants that it is the Owner of the Temporary Easement in fee simple, subject to matters of record, and that Grantor has all requisite power and authority to grant the Temporary Easement and bind itself to the terms and conditions hereof, which grant is made with general warranty of title.

The grant of the Temporary Easement is binding upon Grantor, SD1 and their respective heirs, successors and assigns, and same shall run with the land.

TO HAVE AND TO HOLD, the Easement and right of way herein granted unto the said SD1, its successors and assigns, until the completion of the Project or two years, whichever occurs first.

Grantor herein hereby releases all right, title and interest in and to the Temporary Easement, and covenants that the title to the Temporary Easement is free, clear and unencumbered, and WARRANTS GENERALLY the said title subject to taxes, assessments, and matters of record.

IN WITNESS WHEREOF, the Grantors have hereunto set their hands this ____ day of _____,
20____.

GRANTOR(S):

Printed Name: Gayle Pille

STATE OF KENTUCKY, COUNTY OF _____:

The foregoing instrument was acknowledged before me this ____ day of _____, 20____ by Gayle Pille

NOTARY PUBLIC

Commission expires: _____

Identification No.: _____

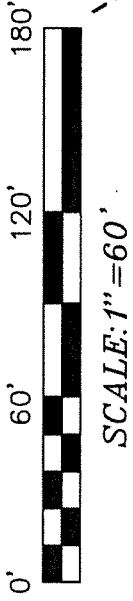
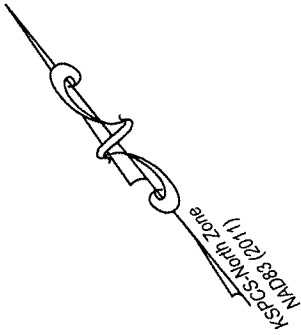
This instrument prepared by:

Brian M. Ellerman
General Counsel
Sanitation District No. 1
1045 Eaton Drive
Ft. Wright, KY 41017

GROUP NO.: 2018
PIDN: 025.00-00-017.18

PERMANENT EASEMENT AREA: 0.480 ACRES
TEMPORARY EASEMENT AREA: 0.760 ACRES

NOTE: THIS PLAT DOES NOT REPRESENT A
BOUNDARY SURVEY AND WAS NOT PREPARED TO
STANDARDS OF PRACTICE AS DEFINED BY 201
KAR 18:150



PAGE 1 OF 2

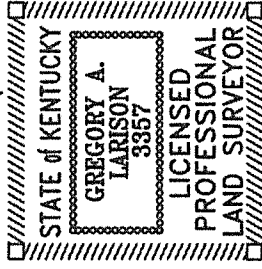
20' PERMANENT EASEMENT
TO BE GRANTED
(0.245 ACRES)

40' TEMPORARY
CONSTRUCTION EASEMENT
TO BE GRANTED

N12°27'54"E 390.92'
S12°27'54"W 392.27'

GAYLE M. PILLE
D.B. 1099, PG. 9

DEAN A. & VICTORIA
BERBERICH
D.B. 1021, PG. 159



GAYLE PILLE
D.B. 517, PG. 261

EXHIBIT "A"

BOONE COUNTY KENTUCKY
EAST SIDE OF FEELEY ROAD
0.4 MILES EAST OF IDLEWILD ROAD

JULY 20, 2023 SCALE: 1"=60'



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602 Lila Avenue • Milford, Ohio 45150

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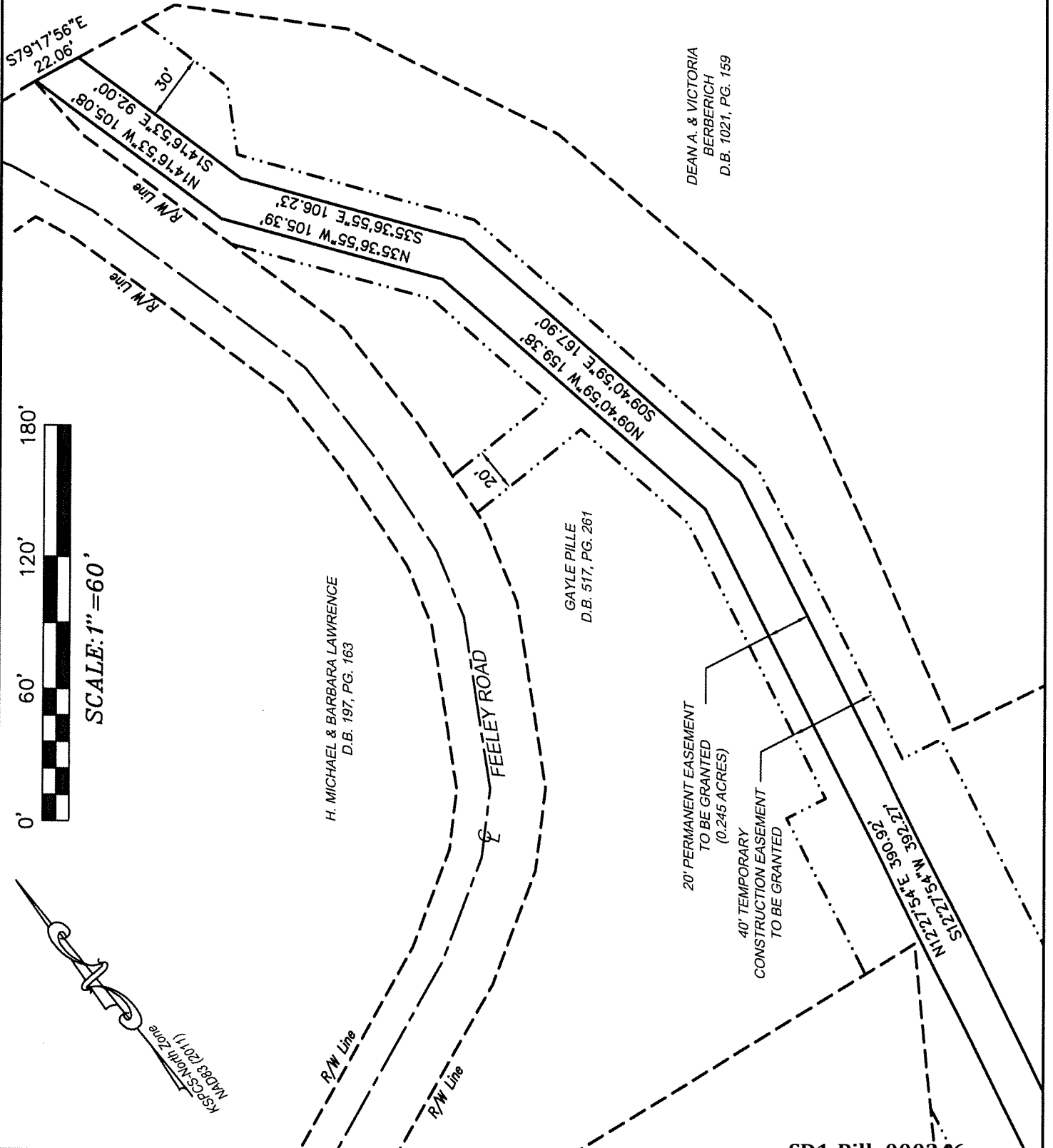
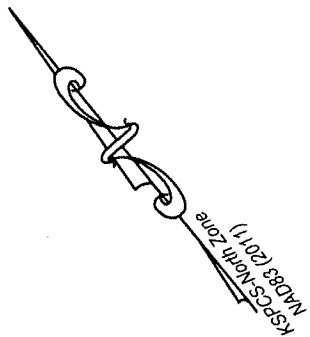
P.O.C. N80°29'01"E 67.91'
S80°29'01"W 20.17' P.O.B.

ROBERT E. & SANDRA J. KING
D.B. 987, PG. 688

SD1-Pille000245



SCALE: 1"=60'



AFTER RECORDING
PLEASE RETURN TO:
SD1
ATTN: LEGAL DEPARTMENT
1045 EATON DRIVE
FT. WRIGHT, KY 41017
(859) 578-6765

For SD1 Use Only
Project No.: _____
Cost Code: _____
SD1 Contact for Easement: _____

TEMPORARY CONSTRUCTION EASEMENT FOR SANITARY AND/OR STORM SEWER

IN CONSIDERATION of _____
(\$_____) and/or the value and the benefits that Grantor or Grantors will receive by the construction or maintenance of sanitary and/or storm sewer available to serve the property described herein, and other good and valuable consideration, the receipt and sufficiency which is hereby acknowledged, **Gayle Pille**, (hereinafter referred to, jointly if more than one, as "Grantor"), does hereby GRANT AND CONVEY to **Sanitation District No. 1**, ("SD1"), a sanitation district organized pursuant to Kentucky Revised Statute, Chapter 220, whose address is 1045 Eaton Drive, Ft. Wright, Kenton County, Kentucky 41017, its successors and assigns, a right of way and temporary construction easement for sanitary and/or storm sewer construction purposes upon the following described real estate:

Group No.: 646

Deed Book/Page Number: 1191/625

PIDN: 026.00-00-013.01

Address: Idlewild Road, Burlington, Kentucky 41005

Legal Description:

DESCRIPTION OF 0.080 ACRES

Located in Boone County, Kentucky, lying on the north side of Idlewild Road (Kentucky Highway 338), approximately 0.4 miles south of Akin Lane, and being a part of the same property conveyed to the Gayle Pille by deed recorded in Deed Book 1191, page 625, in the office of the Boone County Clerk at Burlington, Kentucky and is more particularly described as follows:

BEGINNING at a point in the east right-of-way line of Idlewild Road, 30.00 feet as measured perpendicular to the centerline, at the most westerly common corner of Pille and another parcel conveyed to Gayle Pille (Deed Book 1117, page 569);

THENCE with the common line of the two parcels conveyed to Pille, N 84°42'35" E a distance of 10.24 feet to a point;

THENCE through the grantor's property, S 18°13'04" E a distance of 172.69 feet to a point in the common line of said two parcels conveyed to Pille;

THENCE with said common line, S 17°03'38" W a distance of 28.30 feet to a point;

THENCE through the grantor's property line the following two (2) courses:

1. N 33°44'51" W a distance of 13.66 feet to a point;
2. N 18°13'04" W a distance of 143.89 feet to a point in the easterly right of way line of Idlewild Road;

THENCE with said easterly right of way line of Idlewild Road the following two (2) courses:

1. N 00°32'46" E a distance of 26.57 feet to a point;
2. N 12°55'23" W a distance of 15.94 feet to the **POINT OF BEGINNING**, containing 0.080 acres, more or less.

All bearings referred to herein are based upon the Kentucky State Plane Coordinate System, North Zone, NAD83 (2011).

A MAP SHOWING THE ABOVE DESCRIPTION IS ATTACHED AS EXHIBIT A AND MADE A PART HEREOF.

This Temporary Easement is granted solely for the purpose of SD1's _____ Project ("Project") which is scheduled to commence approximately _____, and will be in effect until completion of the Project or _____, whichever occurs first.

Subject to any and all zoning, easements, rights-of-way, restrictions, encumbrances, reservations and exceptions of record.

Grantor warrants that it is the Owner of the Temporary Easement in fee simple, subject to matters of record, and that Grantor has all requisite power and authority to grant the Temporary Easement and bind itself to the terms and conditions hereof, which grant is made with general warranty of title.

The grant of the Temporary Easement is binding upon Grantor, SD1 and their respective heirs, successors and assigns, and same shall run with the land.

TO HAVE AND TO HOLD, the Easement and right of way herein granted unto the said SD1, its successors and assigns, until the completion of the Project or _____, whichever occurs first.

Grantor herein hereby releases all right, title and interest in and to the Temporary Easement, and covenants that the title to the Temporary Easement is free, clear and unencumbered, and WARRANTS GENERALLY the said title subject to taxes, assessments, and matters of record.

IN WITNESS WHEREOF, the Grantors have hereunto set their hands this ____ day of _____, 20____.

GRANTOR:

Printed Name: Gayle Pille

STATE OF KENTUCKY, COUNTY OF _____:

The foregoing instrument was acknowledged before me this ____ day of _____, 20____ by Gayle Pille.

NOTARY PUBLIC
My commission expires: _____
Identification No.: _____

KSPCS-North Zone
NAD83 (2011)



SCALE: 1"=40'

GROUP NO.: 646
PIDN: 026.00-00-013.01

TEMPORARY EASEMENT AREA: 0.080 ACRES

Gayle Pille
Deed Book 1117, page 569

20' TEMPORARY
CONSTRUCTION EASEMENT
TO BE GRANTED
0.080 ACRES

N 84°42'35" E
10.24'

N 00°32'46" E
26.57'

N 12°55'23" W
15.94'

S 181°3'04" E
172.69'

N 14°3'18" W
14.38'

N 33°44'51" W
13.66'

Gayle Pille
Deed Book 1191, page 625

Existing
Right of way

Idlewild Road (KY-338)
(public)

Existing
Right of way

EXHIBIT "A"

BOONE COUNTY KENTUCKY

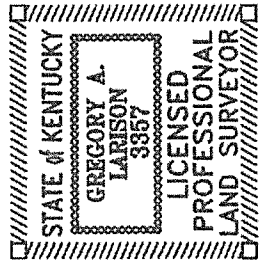
NORTH SIDE OF IDLEWILD ROAD
0.4 MILES SOUTH OF AKIN LANE

DECEMBER 1, 2023 SCALE: 1"=40'



VIOX & VIOX

Civil Engineers, Surveyors, and Landscape Architects
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602 Lila Avenue • Milford, Ohio 45150
Ph Erlanger (859)727-3293 • Ph Milford (513)576-1000 • www.vioxinc.com



NOTE: THIS PLAT DOES NOT REPRESENT A
BOUNDARY SURVEY AND WAS NOT PREPARED TO
STANDARDS OF PRACTICE AS DEFINED BY 201
KAR 18:150

SD1-Pille000250

AFTER RECORDING
PLEASE RETURN TO:
SANITATION DISTRICT NO. 1
ATTN: PROPERTY ACQUISITION ADMINISTRATOR
1045 EATON DRIVE
FT. WRIGHT, KY 41017
(859) 578-7467

For SD1 Use Only

Project No.: _____
Cost Code: _____
SD1 Contact for Easement: _____

TEMPORARY CONSTRUCTION EASEMENT FOR SANITARY AND/OR STORM SEWER

IN CONSIDERATION of _____ (\$_____) and/or the value and the benefits that Grantor or Grantors will receive by the construction or maintenance of sanitary and/or storm sewer available to serve the property described herein, and other good and valuable consideration, the receipt and sufficiency which is hereby acknowledged, **Gayle M. Pille**, (hereinafter referred to, jointly if more than one, as "Grantor"), does hereby GRANT AND CONVEY to **Sanitation District No. 1**, ("SD1"), a sanitation district organized pursuant to Kentucky Revised Statute, Chapter 220, whose address is 1045 Eaton Drive, Ft. Wright, Kenton County, Kentucky 41017, its successors and assigns, a right of way and temporary construction easement for sanitary and/or storm sewer construction purposes upon the following described real estate:

Group No.: 2018

Deed Book/Page Number: 1099/9

PIDN: 026.00-00-013.03

Address: Feeley Road, Burlington, KY 41005

Legal Description:

DESCRIPTION OF 0.021 ACRES

Located in Boone County, Kentucky, lying on the east side of Idlewild Road, approximately 0.4 miles east of Idlewild Road (Kentucky Highway 338), and being a part of the same property conveyed to Gayle M. Pille by deed recorded in Deed Book 1099, page 9, in the office of the Boone County Clerk at Burlington, Kentucky and is more particularly described as follows:

COMMENCING at the common corner of Pille, another parcel conveyed to Gayle Pille (Deed Book 517, page 261), and Robert E. & Sandra J. King (Deed Book 987, page 688);

THENCE with the common line of the two parcels conveyed to Pille for the following two (2) courses:

1. N02°50'13"W a distance of 310.00 feet to a point;
2. N33°43'07"E a distance of 115.23 feet to the **POINT OF BEGINNING** for this description;

THENCE through the grantor's property N12°27'54"E a distance of 67.62 feet to a point in the common line of the two parcels conveyed to Pille;

THENCE with said common line for the following two (2) courses:

1. S81°52'56"E a distance of 27.18 feet to a point;
2. S33°43'07"W a distance of 74.77 feet to the **POINT OF BEGINNING**, containing 0.021 acres, more or less.

All bearings referred to herein are based upon the Kentucky State Plane Coordinate System, North Zone, NAD83 (2011).

A MAP SHOWING THE TEMPORARY EASEMENT AREA IS ATTACHED AS EXHIBIT A AND MADE A PART HEREOF.

This Temporary Easement is granted solely for the purpose of SD1's Central Boone County Conveyance C708-ENG-020 Project ("Project") and will be in effect from the start of the Project, as determined by the beginning of onsite construction for the duration of three (3) years or until the completion of the Project, whichever occurs first.

Subject to any and all zoning, easements, rights-of-way, restrictions, encumbrances, reservations and exceptions of record.

Grantor warrants that it is the Owner of the Temporary Easement in fee simple, subject to matters of record, and that Grantor has all requisite power and authority to grant the Temporary Easement and bind itself to the terms and conditions hereof, which grant is made with general warranty of title.

The grant of the Temporary Easement is binding upon Grantor, SD1 and their respective heirs, successors and assigns, and same shall run with the land.

TO HAVE AND TO HOLD, the Easement and right of way herein granted unto the said SD1, its successors and assigns, until the completion of the Project or three (3) years, whichever occurs first.

Grantor herein hereby releases all right, title and interest in and to the Temporary Easement, and covenants that the title to the Temporary Easement is free, clear and unencumbered, and WARRANTS GENERALLY the said title subject to taxes, assessments, and matters of record.

IN WITNESS WHEREOF, the Grantors have hereunto set their hands this ____ day of _____, 20____.

GRANTOR(S):

Printed Name: Gayle M. Pille

STATE OF KENTUCKY, COUNTY OF _____:

The foregoing instrument was acknowledged before me this ____ day of _____, 20____ by Gayle M. Pille.

NOTARY PUBLIC
Commission expires: _____
Identification No.: _____

This instrument prepared by:

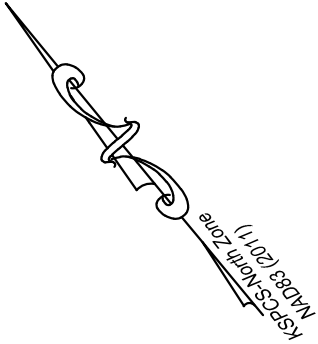
Brian M. Ellerman
General Counsel
Sanitation District No. 1
1045 Eaton Drive
Ft. Wright, KY 41017

GROUP NO.: 2018

PIDN: 026.00-00-013.03

TEMPORARY EASEMENT AREA: 0.021 ACRES

NOTE: THIS PLAT DOES NOT REPRESENT A
BOUNDARY SURVEY AND WAS NOT PREPARED TO
STANDARDS OF PRACTICE AS DEFINED BY 201
KAR 18:150



GAYLE M. PILLE
D.B. 1099, PG. 9

GAYLE PILLE
D.B. 517, PG. 261

P.O.C.

N02°50'13"W
310.00'

N33°43'07"E
115.23'

P.O.B.

N12°27'16"E
67.1'

S33°43'07"E
115.23'

BOONE C

200 FEET SOUTH
0.4 MILES

JULY 2018



VIC

Civil Engineers,
466 Erlanger
602 Erlanger
Ph Erlanger (859)727-1111

ROBERT E. & SANDRA J. KING
D.B. 987, PG. 688

July 24, 2024

VIA ELECTRONIC MAIL AND REGULAR MAIL

Gayle Pille
3495 Feeley Road
Burlington, KY 41005
gaylepille@yahoo.com

Re: ***Sanitation District No. 1***

Dear Ms. Pille:

Please be advised that I have been engaged by Sanitation District No. 1 related to its need to acquire easements on real property owned by you. The easements in question are on properties located on Idlewild Road in Burlington, Kentucky and on Feeley Road in Burlington, Kentucky.

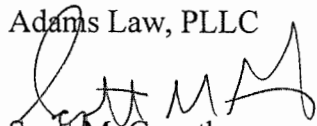
The Board of Directors of Sanitation District No. 1 recently issued final approval for acquisition of those easements and, if necessary, the use of condemnation proceedings to acquire the easements. Sanitation District No. 1 needs temporary and permanent easements on the properties, the exact location of which are set forth in the four Easements for Sewer and the five Temporary Construction Easements for Sanitary and/or Storm Sewer enclosed herewith. Sanitation District No. 1 is offering payment in the total amount of \$22,100.00 in return for conveyance of the easements.

Please contact me immediately to discuss potential acquisition of these easements by Sanitation District No. 1. If Sanitation District No. 1 is unable to acquire the necessary easements in the very near future, then it will have no choice but to initiate condemnation proceedings in the Boone Circuit Court.

Thank you for your attention to this matter and, of course, should you have any questions or comments regarding this correspondence, please do not hesitate to contact my office.

Sincerely,

Adams Law, PLLC



Scott M. Guenther

SMG:maw
Cc: Brian Ellerman (via email)

SD1-Pille000255

#3098449v1