

Prospect Water Quality Treatment Plant Elimination Plan

IOAP Public Input Meeting
May 17th, 2012



Overview

- Communicate
 - Overview previous input opportunities
 - Review current project status
 - Discuss the Blue Herron Rookery plan
 - The path to completion
- Provide Input Opportunity
 - Harrod's Creek Pump Station landscaping and screening plan
 - Special restoration considerations

MSD's Amended Consent Decree: Prospect WWTP Eliminations



MSD is currently planning to eliminate 5 Existing Treatment Plants by the end of 2015.

MSD's Amended Consent Decree: Prospect WWTP Eliminations

The 5 Existing WWTPs

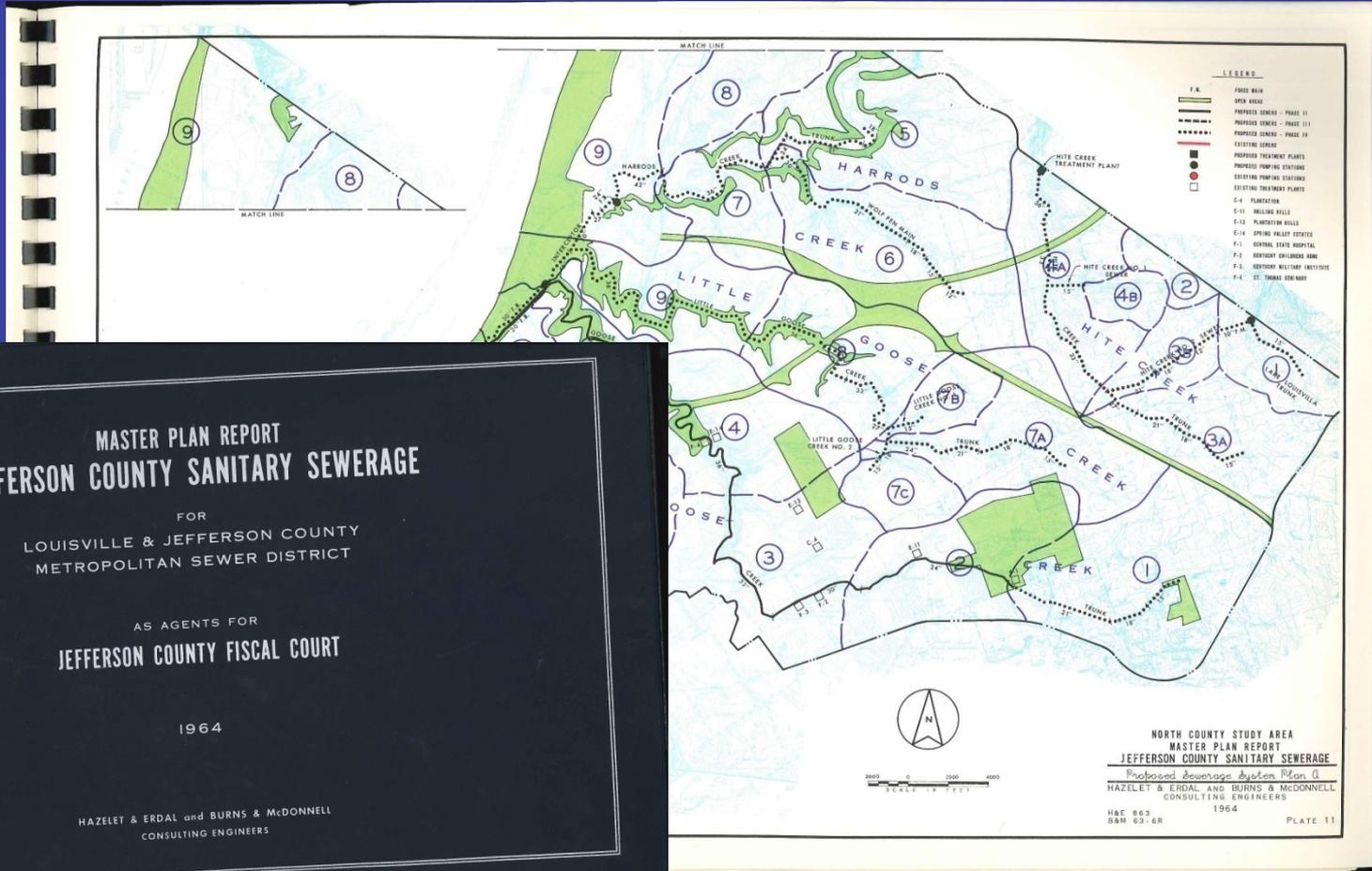
- Hunting Creek North (built 1964, acquired 1999)
- Hunting Creek South (built 1968, acquired 1999)
- Timberlake (built 1973, acquired 1999)
- Ken Carla (built 1968, acquired 1973)
- Shadow Wood (built 1979, acquired 2008)



MSD's Amended Consent Decree: Prospect WWTP Eliminations – Critical Dates

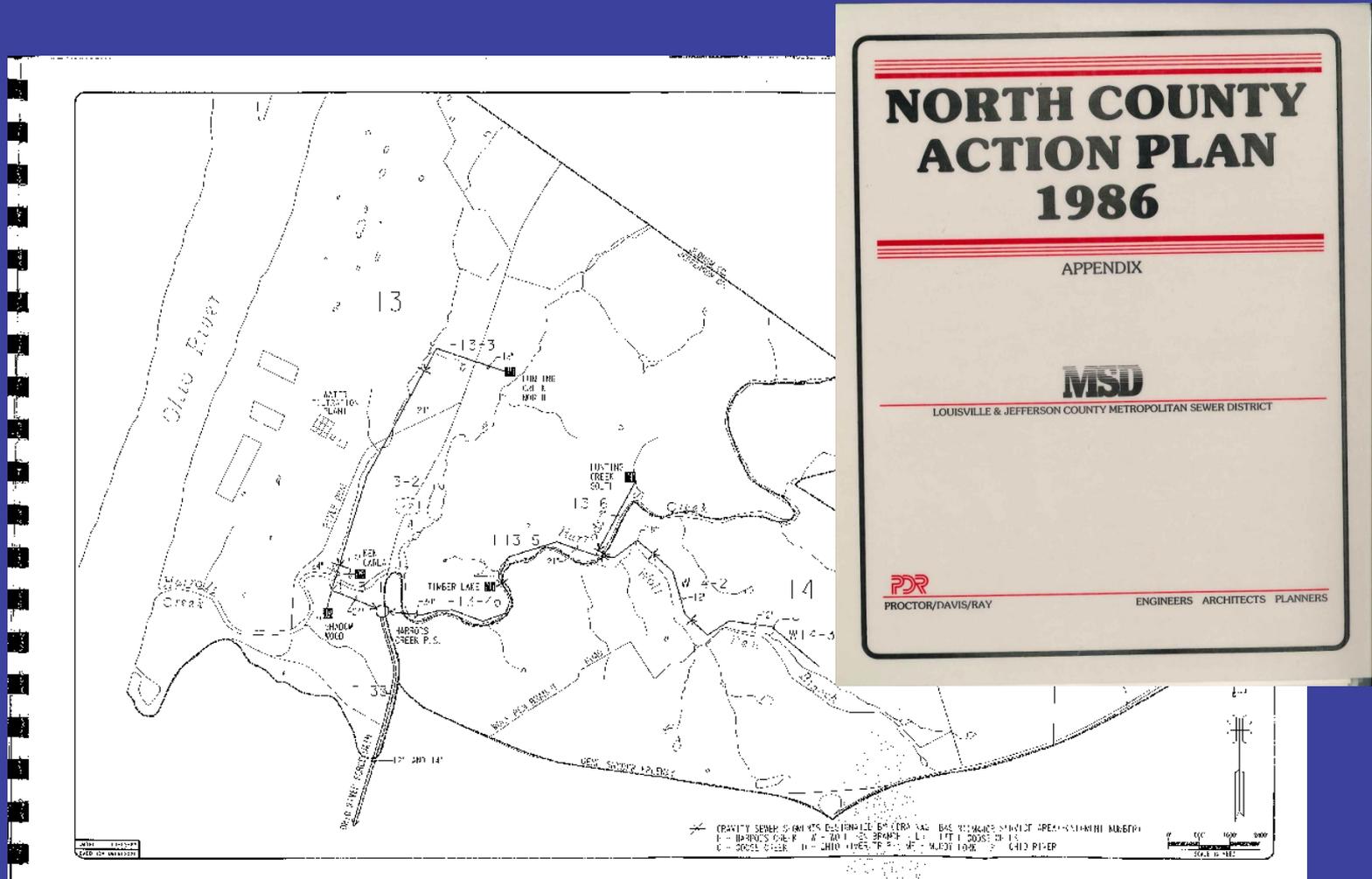
- March 31, 2009 – MSD required to submit a plan to EPA summarizing a selected option for the elimination of the (5) existing package plants in the Prospect area.
- June 10, 2009 – MSD was granted a wasteload allocation allowing for the expansion of the MSD Hite Creek Water Quality Treatment Center from 6.0 MGD to 8.8 MGD in anticipation of the increased flows from Prospect.
- September 2009 – EPA formal approval of the Elimination Plan.

MSD's Amended Consent Decree: Prospect WWTP Eliminations

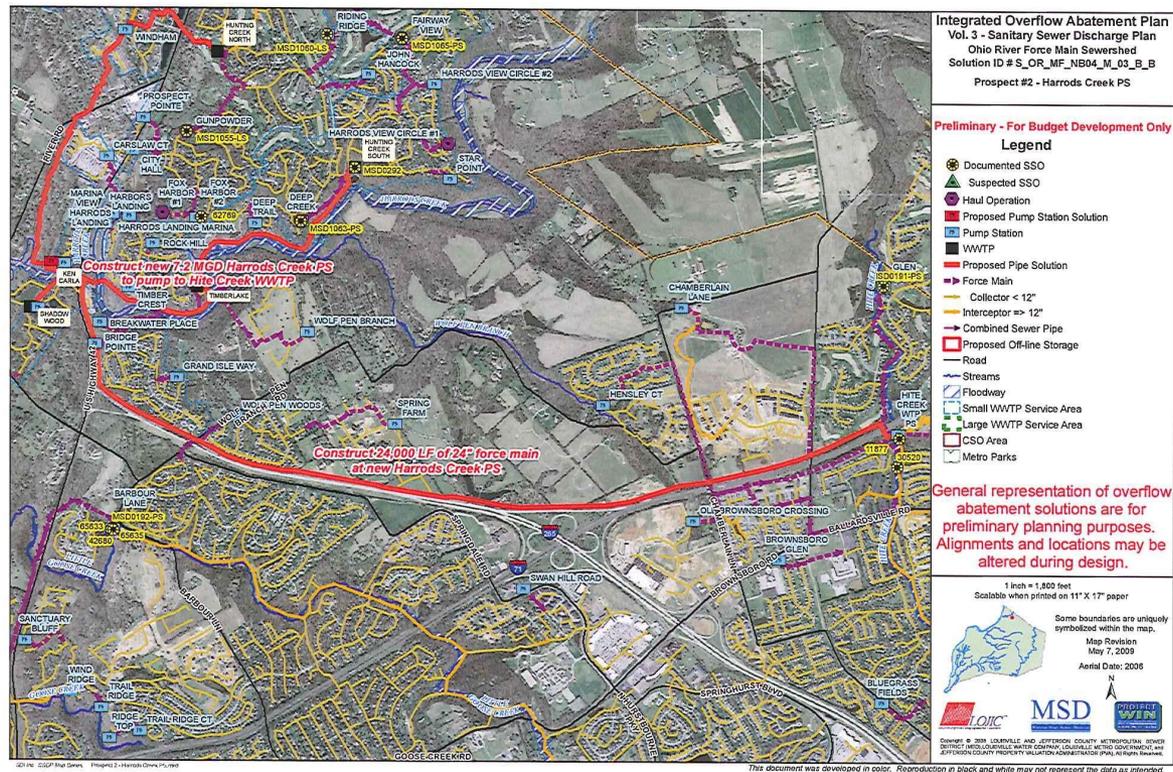


MASTER PLAN REPORT
JEFFERSON COUNTY SANITARY SEWERAGE
 FOR
 LOUISVILLE & JEFFERSON COUNTY
 METROPOLITAN SEWER DISTRICT
 AS AGENTS FOR
 JEFFERSON COUNTY FISCAL COURT
 1964
 HAZELET & ERDAL and BURNS & McDONNELL
 CONSULTING ENGINEERS

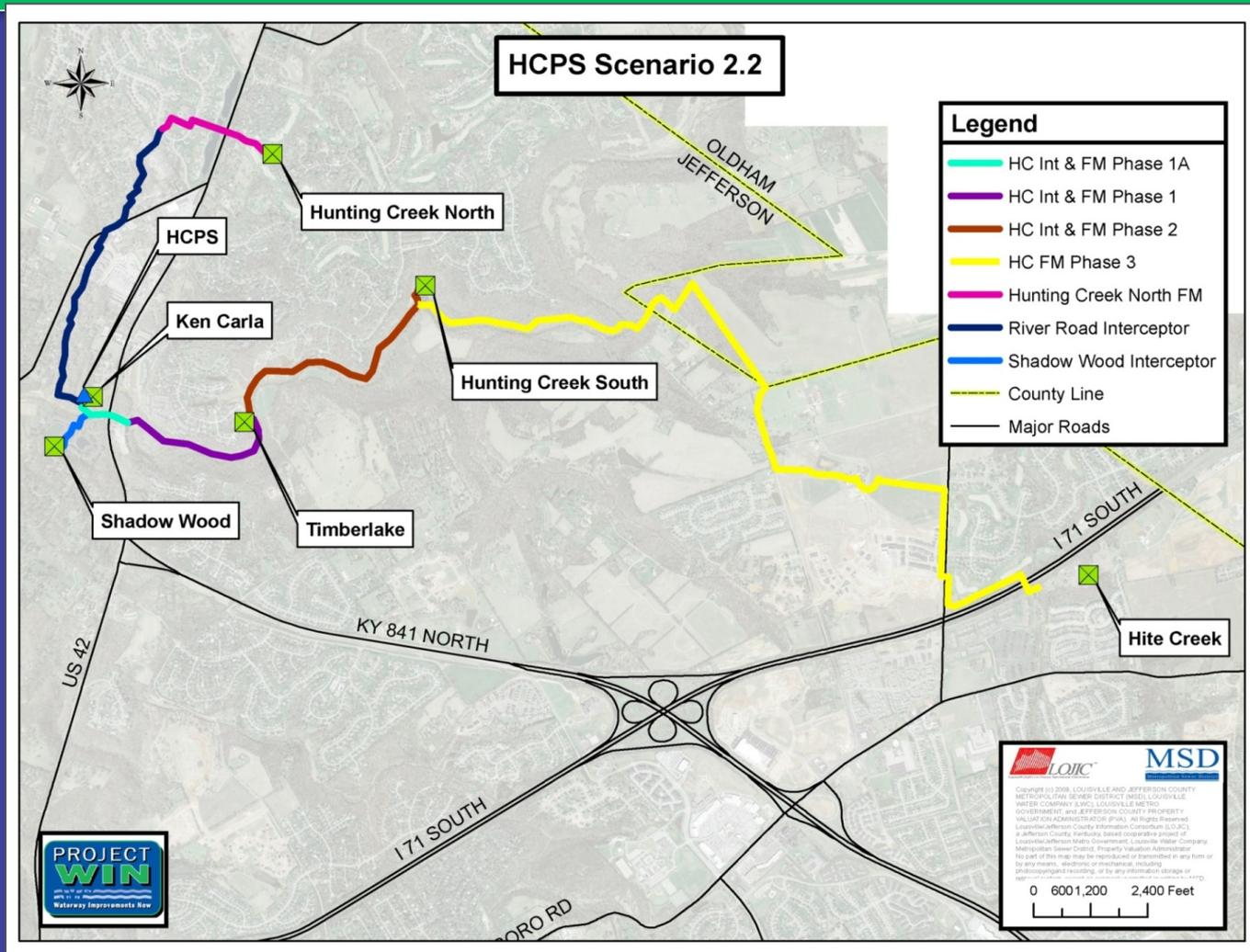
MSD's Amended Consent Decree: Prospect WWTP Eliminations



MSD's Amended Consent Decree: Prospect WWTP Eliminations



MSD's Amended Consent Decree: Prospect WWTP Eliminations - Map

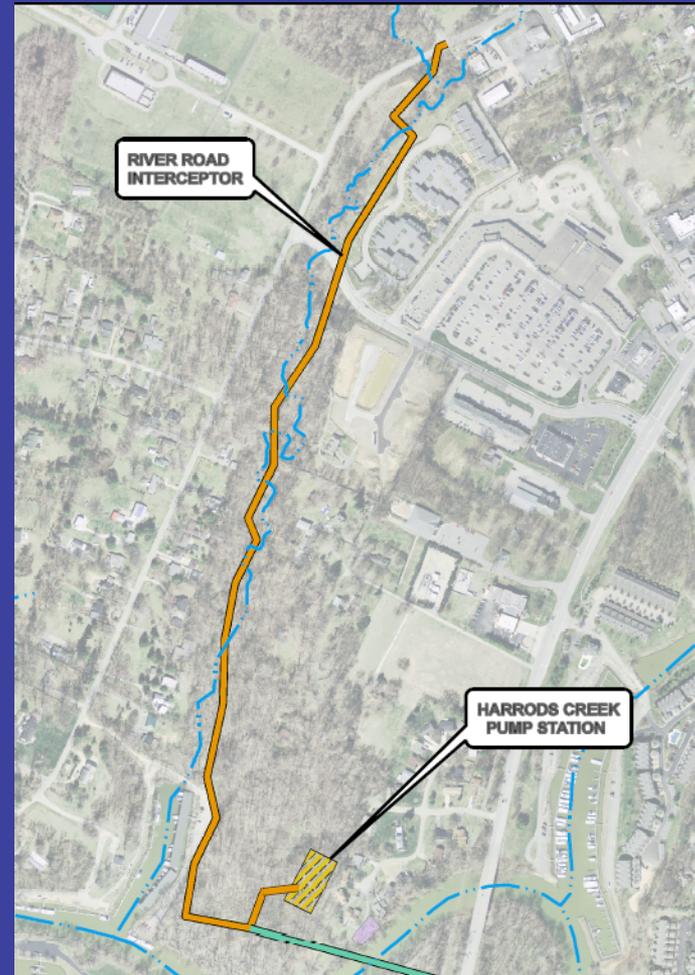


Project Sections

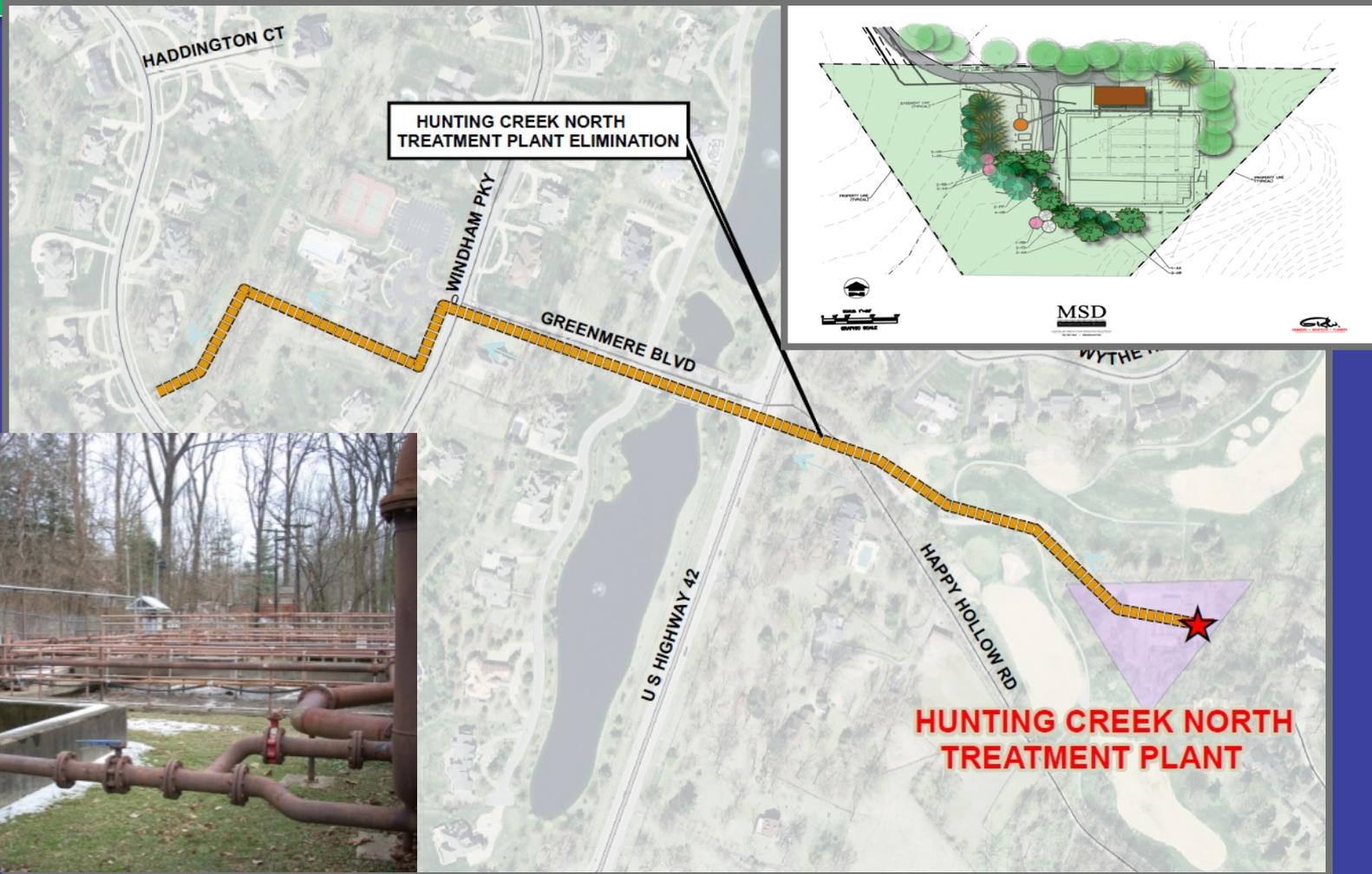
- Section 1
 - Hunting Creek Treatment Center Elimination
 - River Road Interceptor
- Section 2
 - Harrods Creek Pump Station Construction
 - Harrods Creek Interceptor/ForceMain to the Hunting Creek South WTP
- Section 3
 - Harrods Creek Force Main to Hite Creek WQTC

Section 1

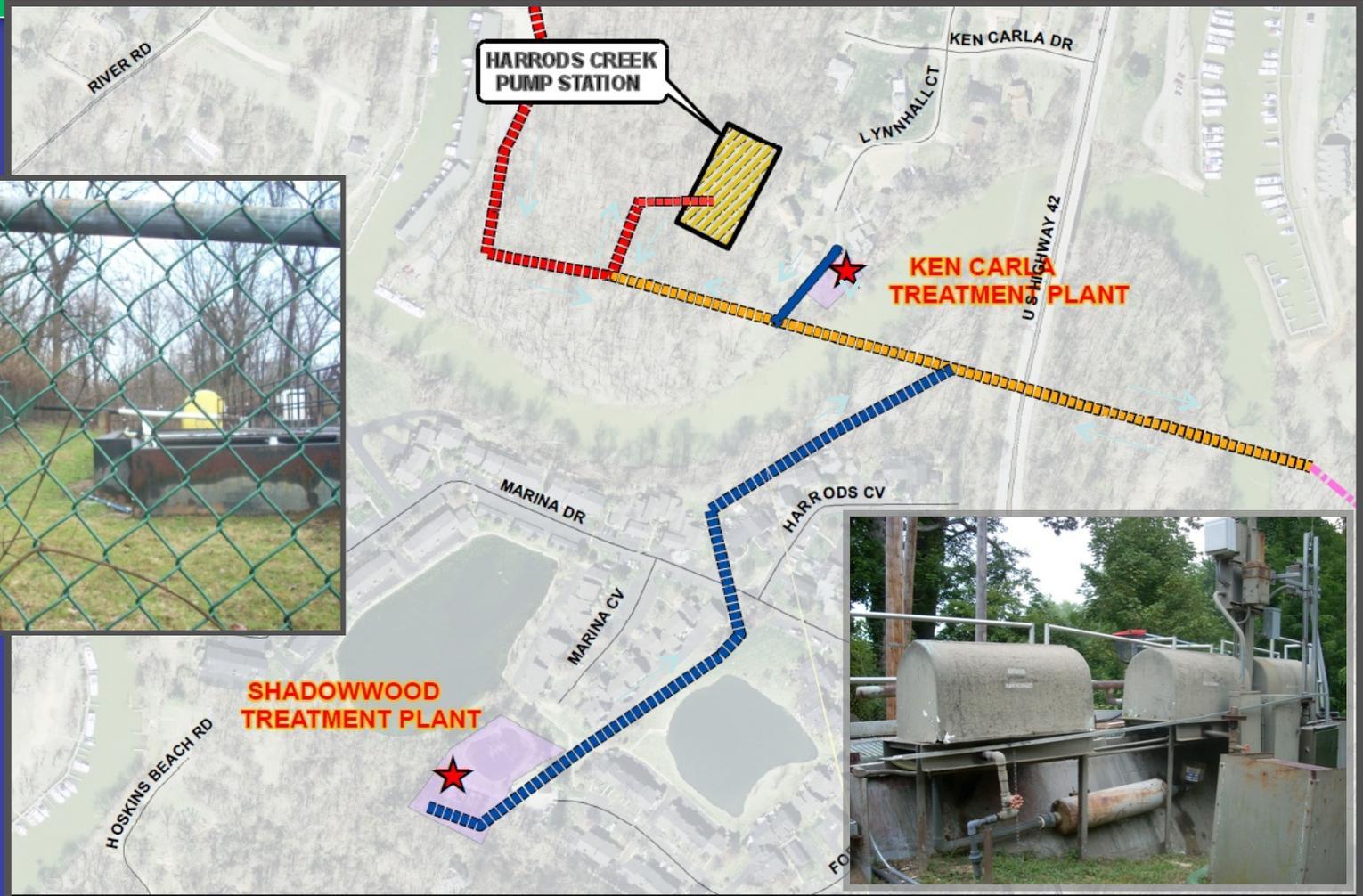
- Hunting Creek WQTC Elimination
- River Road Interceptor



Section 1



MSD's Amended Consent Decree: Harrods Creek Pump Station Ken Carla, and Shadow wood WTP Elimination Projects



MSD's Amended Consent Decree: Prospect WWTP Eliminations



Harrods Creek PS

Plot Date 9/21/2011
LOJIC Quickmap



Harrods Creek Regional Pump Station - Section 2



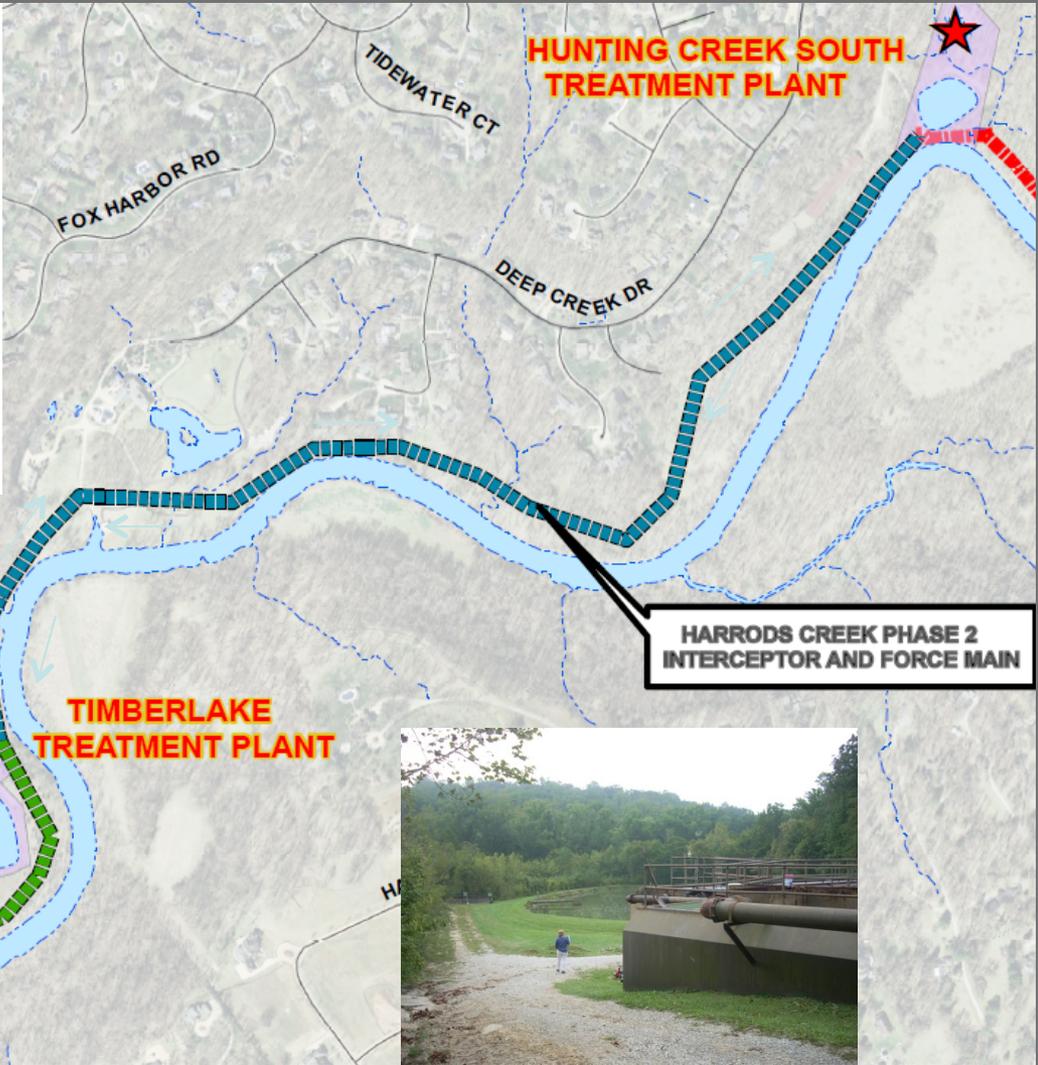
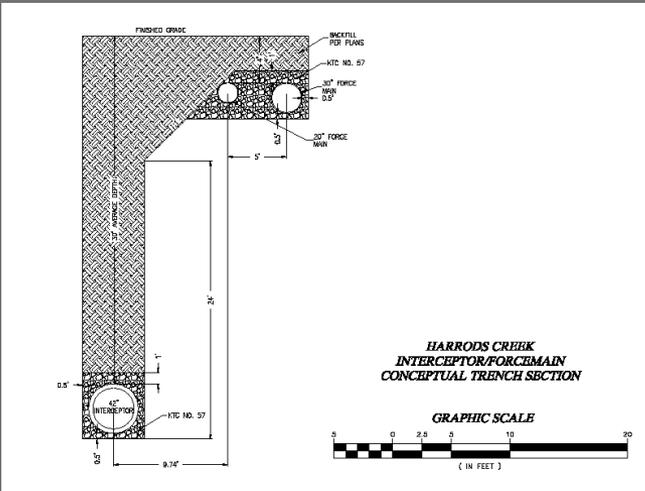
HARRODS CREEK PUMP STATION



Harrods Creek Regional Pump Station - Section 2



Section 2



Section 3

- Project stage – Design/Land acquisition
- Schedule – Complete December 2014
- Alignments
- Blue Herron Rookery
- Permitting



MSD's Amended Consent Decree: Prospect WWTP Eliminations



MSD's Amended Consent Decree: Prospect WWTP Eliminations

Field walk with City of Prospect Council to choose best route for the Harrods Creek Force Main Phase 3 that goes through City of Prospect Property (2/4/11)



Environmental Cultural Historical Endangered Species Studies

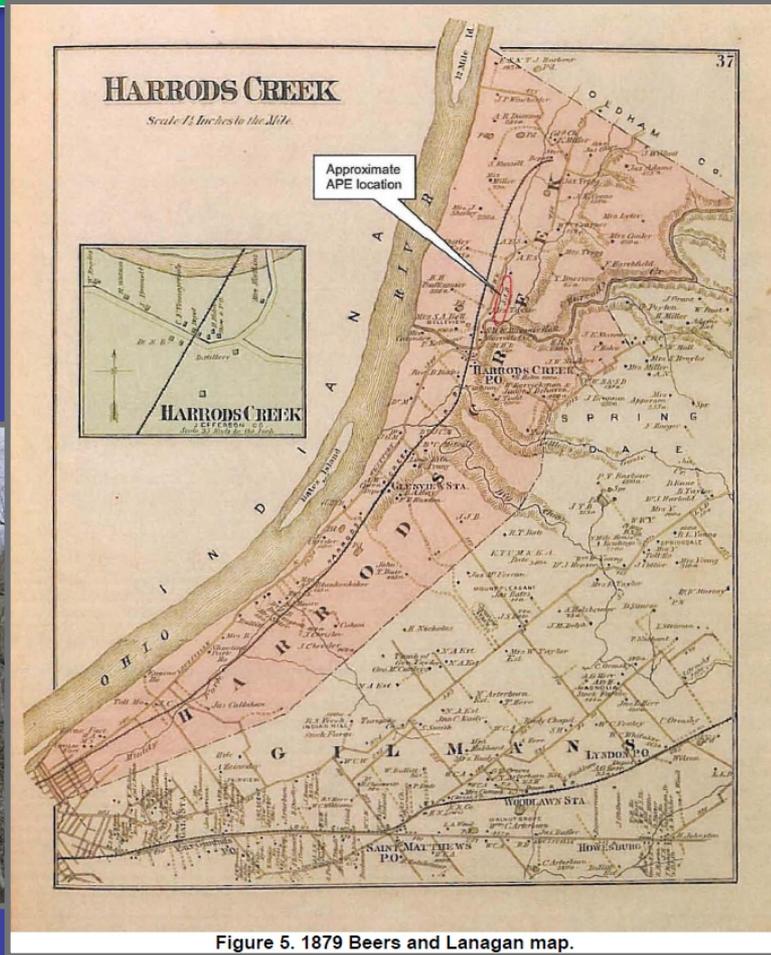
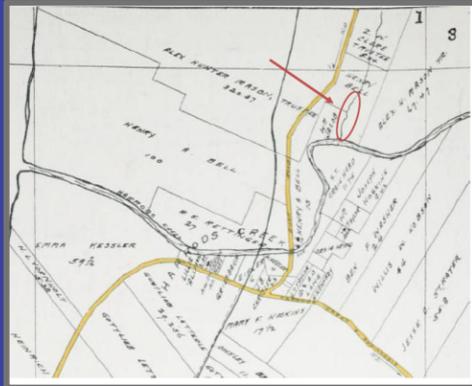


Figure 5. 1879 Beers and Lanagan map.

Environmental Impact Cultural Historical Endangered Species Studies

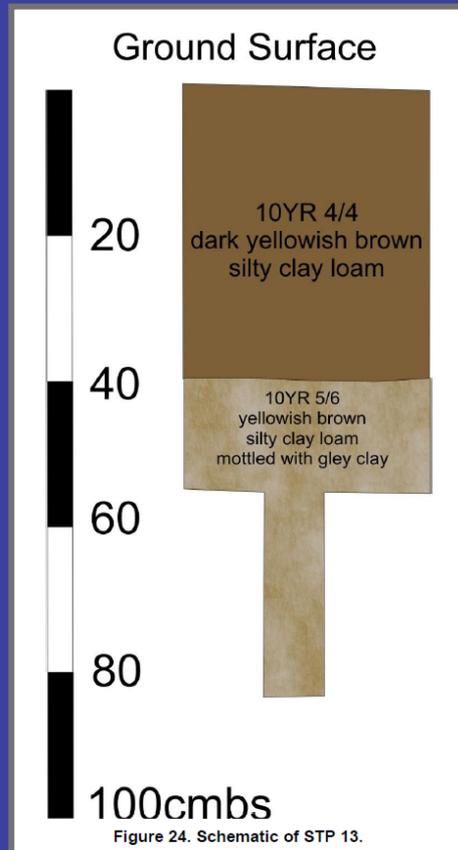
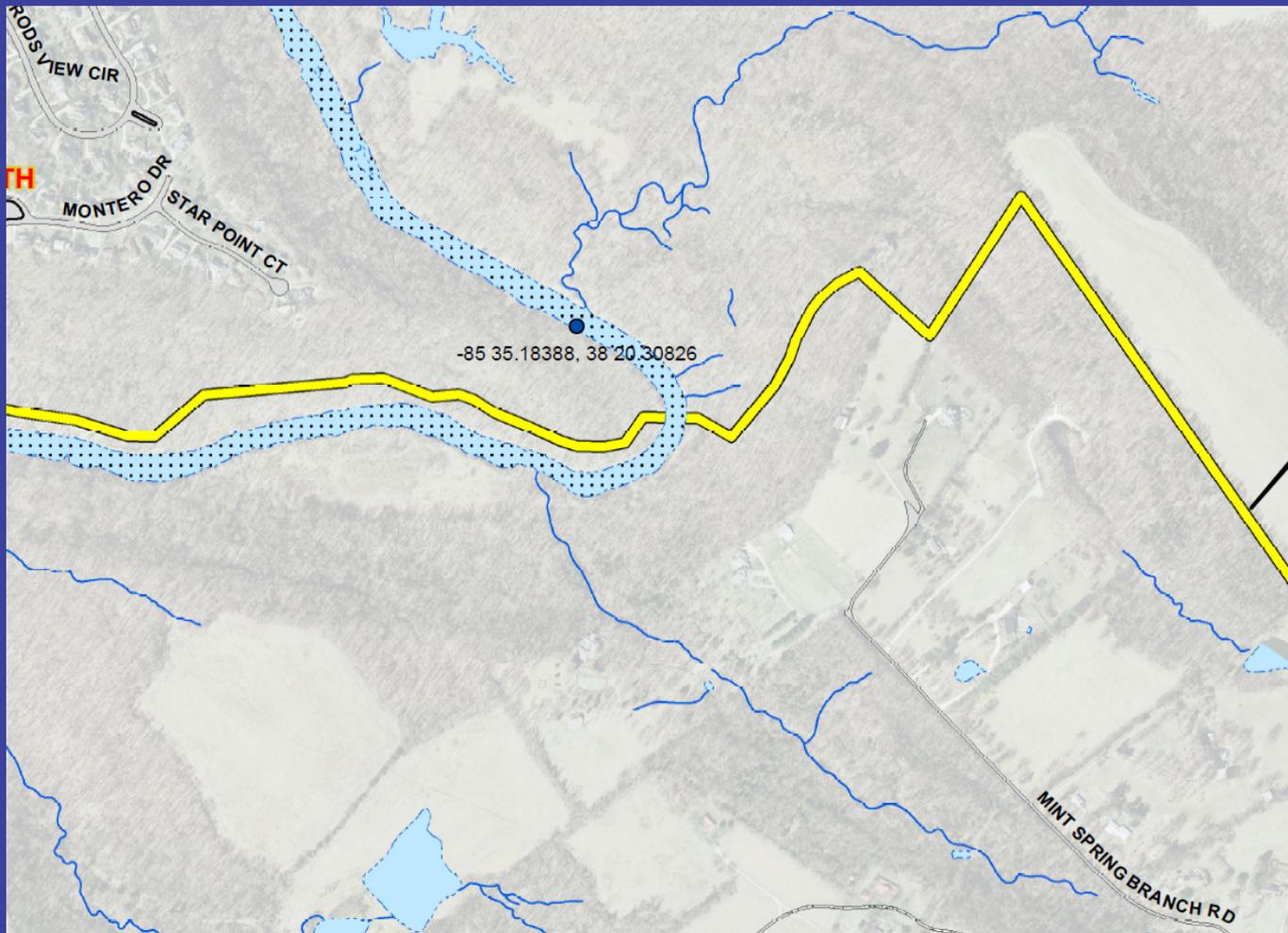


Figure 22. Shovel probe that was augered at base.

Harrods Creek Force Main Phase 3 Heron Rookery Location



Harrods Creek Force Main Phase 3 Heron Rookery Location

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U.S. Fish & Wildlife Service
KY Ecological Services Field Office
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Prospect WWTP Project Budget

PROJECT NAME	CURRENT PROJECT BUDGET
SHADOW WOOD WTP ELIMINATION	\$235,000.00
NORTH HUNTING CREEK PS & FM	\$447,000.00
HARRODS CREEK INTERCEPTOR PH 2	\$2,200,000.00
HARRODS CREEK P.S. & F.M.	\$16,600,000.00
HARRODS CRK INT PH 1	\$12,317,000.00
RIVER RD INT	\$4,430,000.00
PROSPECT SUBTOTAL:	\$36,229,000.00

Public Input Sought

- Comment tonight (written or video)
- Provide written comments by June 15, 2012
- Send comments via email
commentsIOAP@msdlouky.org
- Mail comments
MSD IOAP Project Comments
Attention: Project WIN Program Manager
700 West Liberty St.
Louisville, KY 40203

PROSPECT WWTP Lagoon

