SSO SSDP
Project Fact Sheet

SSO Project Number:	S_HC_HS_NB01_S_03_C_A
Project Name:	Fairway View PS Improvements
Modeled Area:	Hunting Creek South
Branch or SSO ID:	NB01
Project Type:	Pump Station Upgrades
Receiving Stream:	Harrods Creek
Project Description:	This alternative includes upgrading pumps at Fairway View PS to discharge: 100, 100, and 120 GPM (previously 88 GPM each)
Reason for Overflow:	Pump station capacity
Design Parameters / Assumptions:	This solution is based on a 1.82 inch cloudburst rain event
Project Constraints:	None at this time
Estimated Capital Cost (2008 dollars):	$87,000
Weighted Benefit/Cost Ratio (Present Worth):	10.32

Overflow Points Addressed:

SSO	SSO Name	Service Area	Overflow Type	Discharge To	Average Overflow / Incident (gallons)
MSD1065-PS	Fairway View	Hunting Creek South	Lift Station	Ditch	19,500

Integrated Overflow Abatement Plan

Vol. 3 - Sanitary Sewer Discharge Plan

Hunting Creek South Sewershed
Solution ID # S_HC_HS_NB01_S_03_C_A
Fairway View PS Improvements

Preliminary - For Budget Development Only

Legend

- Documented SSO
- Suspected SSO
- Haul Operation
- Proposed Pump Station Solution
- Pump Station
- WWTP
- Proposed Pipe Solution
- Force Main
- Collector < 12"
- Interceptor => 12"
- Combined Sewer Pipe
- Proposed Off-line Storage
- Road
- Streams
- Floodway
- Small WWTP Service Area
- Large WWTP Service Area
- CSO Area
- Metro Parks

General representation of overflow abatement solutions are for preliminary planning purposes. Alignments and locations may be altered during design.

1 inch equals 300 feet
Scalable when printed on 11" X 17" paper

Some boundaries are uniquely symbolized within the map.

Map Revision
May 7, 2009

Aerial Date: 2006

N

SDI Inc. SSDP Map Series: Fairway View PS Improvements.mxd

This document was developed in color. Reproduction in black and white may not represent the data as intended.

SSO SSDP
Project Fact Sheet

SSO Project Number:	S_FF_LF_NB01_S_13_C_A
Project Name:	Lake Forest PS SSO Investigation
Modeled Area:	Lake Forest
Branch or SSO ID:	NB01
Project Type:	Monitor
Receiving Stream:	Floyds Fork
Project Description:	Monitor the Lake Forest PS during rain events for the next three years according to SORP protocols .
Reason for Overflow:	Pump station capacity
Design Assumptions:	This PS was upgraded in June 2008. 144 gpm pumps were installed.
Project Constraints:	None
Estimated Capital Cost (2008 dollars):	This work will be performed under the SORP/CMOM programs
Weighted Benefit/Cost Ratio (Present Worth):	--

Overflow Points Addressed:

SSO	SSO Name	Service Area	Overflow Type	Discharge To	Average Overflow / Incident (gallons)
MSD1169-LS	Lake Forest	Lake Forest	Lift Station	Ditch	MOP-no data

Integrated Overflow Abatement Plan

Vol. 3 - Sanitary Sewer Discharge Plan

Lake Forest Sewershed

Solution ID # S_FF_LF_NB01_S_13_C_A

Lake Forest PS SSO Investigation

Preliminary - For Budget Development Only

Legend

- Documented SSO
- Suspected SSO
- Haul Operation
- Proposed Pump Station Solution
- Pump Station
- WWTP
- Proposed Pipe Solution
- Force Main
- Collector < 12"
- Interceptor => 12"
- Combined Sewer Pipe
- Proposed Off-line Storage
- Road
- Streams
- Floodway
- Small WWTP Service Area
- Large WWTP Service Area
- CSO Area
- Metro Parks

General representation of overflow abatement solutions are for preliminary planning purposes. Alignments and locations may be altered during design.

1 inch equals 600 feet
Scalable when printed on 11" X 17" paper

Some boundaries are uniquely symbolized within the map.

Map Revision
May 20, 2009

Aerial Date: 2006

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SSO SSDP
Project Fact Sheet

SSO Project Number:	S_FF_CH_NB01_S_09A_C_A
Project Name:	St. Rene Rd. PS Inline Storage
Modeled Area:	Chenoweth Hills
Branch or SSO ID:	CH01
Project Type:	Inline Storage
Receiving Stream:	Chenoweth Run
Project Description:	This alternative includes replacing 42 LF of 8" with 48" pipe just upstream of the PS.
Reason for Overflow:	Pump station capacity
Design Parameters / Assumptions:	This solution is based on a 1.82 inch cloudburst rain event
Project Constraints:	None at this time
Estimated Capital Cost (2008 dollars):	$30,000
Weighted Benefit/Cost Ratio (Present Worth):	212.00

Overflow Points Addressed:

SSO	SSO Name	Service Area	Overflow Type	Discharge To	Average Overflow / Incident (gallons)
94187	Wet Well for St. Rene Road PS	Chenoweth Hills	Manhole	Catch Basin	4,380

Integrated Overflow Abatement Plan

Vol. 3 - Sanitary Sewer Discharge Plan

Chenoweth Hills Sewershed

Solution ID # S_FF_CH_NB01_S_09A_C_A

St. Rene Rd. PS Inline Storage

Preliminary - For Budget Development Only

Legend

- Documented SSO
- Suspected SSO
- Haul Operation
- Proposed Pump Station Solution
- Pump Station
- WWTP
- Proposed Pipe Solution
- Force Main
- Collector < 12"
- Interceptor => 12"
- Combined Sewer Pipe
- Proposed Off-line Storage
- Road
- Streams
- Floodway
- Small WWTP Service Area
- Large WWTP Service Area
- CSO Area
- Metro Parks

General representation of overflow abatement solutions are for preliminary planning purposes. Alignments and locations may be altered during design.

1 inch equals 200 feet
Scalable when printed on 11" X 17" paper

Some boundaries are uniquely symbolized within the map.

Map Revision
May 7, 2009

Aerial Date: 2006

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