Figure 3-1
Sediment Sampling Locations Overview
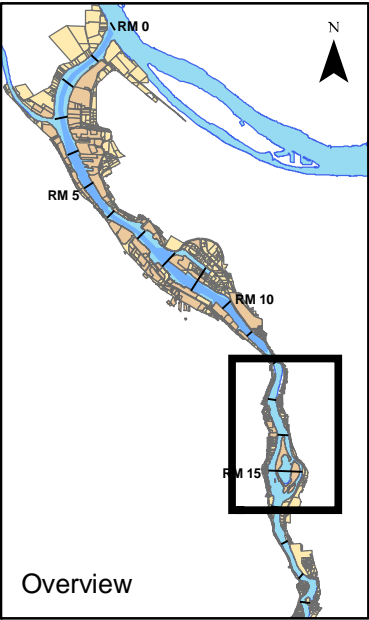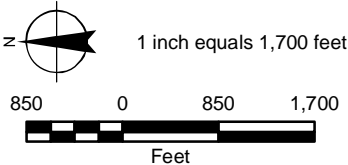
Downtown Portland
Sediment Characterization
Field and Data Report

River Mile 12 to 16

Willamette River
Portland, Oregon

LEGEND

- ■ DPSC Core Location
- ● DPSC Grab Location
- □ LWG Core Location
- ○ LWG Grab Location
- ◆ PP&R Core Location
- ● DEQ Cleanup Site (ECSI#/Name)
- ✳ City Outfall
- ✸ Other Outfall
- →→ Stormwater Pipeline
- —— Abandoned Stormwater Pipeline
- ☐ PGE Station L Sediment Cap, Approximate
- —— Zidell - DEQ Sediment Management Area
- ---- River Mile (RM)

1 inch equals 1,700 feet

850   0   850   1,700
Feet

Overview

MAP NOTES:
Projection: Oregon State Plane North
Datum: North American Datum of 1983
Date: December 23, 2008
1. The locations of all features shown are approximate.
2. DPSC = Downtown Portland Sediment Characterization.
3. PP&R = Portland Parks & Recreation.
4. LWG = Lower Willamette Group.
5. ECSI = Environmental Cleanup Site Information (information current as of February 19, 2008).
6. LWG core and grab information obtained from LWG SCRA Combo as of August 28, 2008.
7. PGE Station L sediment cap boundary approximated based on PGE Station L Phase II Final Report (CH2MHill, 1991).

8. Zidell-DEQ Sediment Management Area (SMA) boundary provided by Maul, Foster, Alongi (November 3, 2008).
9. Outfall data obtained from the LWG's GIS shapefile entitled "Outfall_Oct_08.shp". Original source of information provided by the City of Portland in June of 2005. Stormwater pipeline data were provided to GSI Water Solutions by the City of Portland in February of 2008. As data were compiled from a variety of sources, no warranty is made as to the accuracy, reliability, or completeness of these data. Conveyance system information can be accessed at www.portlandmaps.com.

GSI
Water Solutions, Inc.

File Path: \\gsi-sbs-001\Projects\110 - BES\004 - CERCLA\Project_GIS\Project_mxds\Field_and_Data_Report\Figure3-1_Sediment_Sampling_Locations_Overview.mxd, Date: December 23, 2008 9:33:28 AM

Figure 3-2a
Sediment Sampling Locations By River Mile

Downtown Portland
Sediment Characterization
Field and Data Report

River Mile 12 to 13

Willamette River
Portland, Oregon

LEGEND

- DPSC Core Location
- DPSC Grab Location
- LWG Core Location
- LWG Grab Location
- PP&R Core Location
- DEQ Cleanup Site (ECSI#/Name)
- City Outfall
- Other Outfall
- Stormwater Pipeline
- Abandoned Stormwater Pipeline
- PGE Station L Sediment Cap, Approximate
- Zidell - DEQ Sediment Management Area
- River Mile (RM)

N

1 inch equals 500 feet

250   0   250   500
Feet

Overview

RM 0
RM 5
RM 10
RM 15

Map labels (sampling locations and sites)

Oregon Plating Company
Broad Spectrum Electronics #2
Rose City Plating I
Block 76/67 Site
East Portland Gas Works (Former)
East Side Plating - Plant 5
Pesticide Spill I-5 & I-84
East Side CSO
NW Cast Metal Products - SE Taylor St.
WR-309
OF40
C031
LW3-GCRSP12E
LW3-GCA12E
G062   G063   G065   G064   G061   G060   G059   G058   G057   G056   G055   G054   G053   G052   G051   G050   G049
WR-310   WR-311   WR-312   WR-313   OF38   OF37   WR-314   OF36   WR-315   WR-316   OF35   WR-317   OF34A   WR-318   OF34
C029   C030   C028   C027   C026
WR-348
Louis Dreyfus Facility
RM-12
G066   G067   G068
LW3-C782
C001   G001   G002   OF09
LW3-UC07   LW3-UC08   LW3-G783   LW3-C783
LW3-G781
LW3-UG06   LW3-UC06   LW3-G780   LW3-UG07   LW3-UG08
LW3-UC05-1 & LW3-UC05-2   LW3-UG05   LW3-GCR12W
North Waterfront Park
Old Town Parking/Helistop Structure
Vanport Redevelopment Project
G003   G005   G006   G007
Portland Gas Manufacturing Site
Union Station - Parcel B South
Oak Tower Redevelopment
G069
RM-13
C002   OF08A
Everett Street Building
First & Main
City of Portland SW Front Ave Property

MAP NOTES:

Projection: Oregon State Plane North
Datum: North American Datum of 1983
Date: December 23, 2008
1. The locations of all features shown are approximate.
2. DPSC = Downtown Portland Sediment Characterization.
3. PP&R = Portland Parks & Recreation.
4. LWG = Lower Willamette Group.
5. ECSI = Environmental Cleanup Site Information (information current as of February 19, 2008).
6. LWG core and grab information obtained from LWG SCRA Combo as of August 28, 2008.
7. PGE Station L sediment cap boundary approximated based on PGE Station L Phase II Final Report (CH2MHill, 1991).

8. Zidell-DEQ Sediment Management Area (SMA) boundary provided by Maul, Foster, Alongi (November 3, 2008).
9. Outfall data obtained from the LWG's GIS shapefile entitled "Outfall_Oct_08.shp". Original source of information provided by the City of Portland in June of 2005. Stormwater pipeline data were provided to GSI Water Solutions by the City of Portland in February of 2008. As data were compiled from a variety of sources, no warranty is made as to the accuracy, reliability, or completeness of these data. Conveyance system information can be accessed at www.portlandmaps.com.

GSI
Water Solutions, Inc.

Figure 3-2b
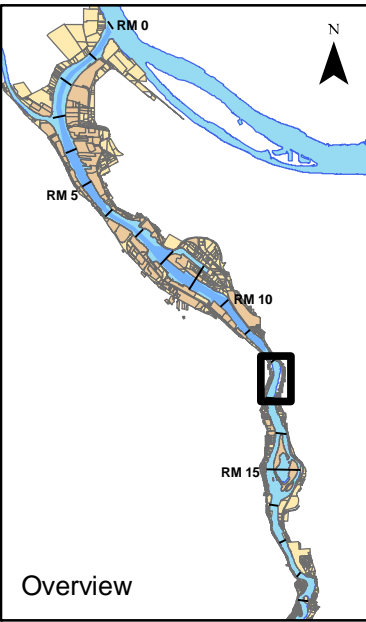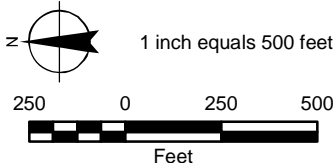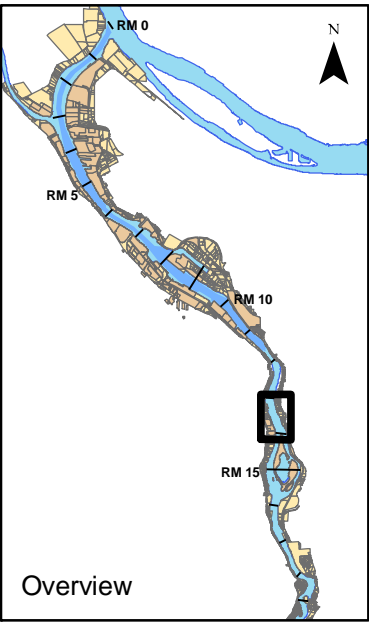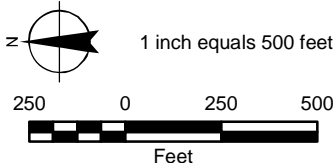Sediment Sampling Locations By River Mile

Downtown Portland
Sediment Characterization
Field and Data Report

River Mile 13 to 14

Willamette River
Portland, Oregon

LEGEND

- DPSC Core Location
- DPSC Grab Location
- LWG Core Location
- LWG Grab Location
- PP&R Core Location
- DEQ Cleanup Site (ECSI#/Name)
- City Outfall
- Other Outfall
- Stormwater Pipeline
- Abandoned Stormwater Pipeline
- PGE Station L Sediment Cap, Approximate
- Zidell - DEQ Sediment Management Area
- River Mile (RM)

1 inch equals 500 feet

250   0   250   500
Feet

Overview

GSI
Water Solutions, Inc.

MAP NOTES:
Projection: Oregon State Plane North
Datum: North American Datum of 1983
Date: December 23, 2008
1. The locations of all features shown are approximate.
2. DPSC = Downtown Portland Sediment Characterization.
3. PP&R = Portland Parks & Recreation.
4. LWG = Lower Willamette Group.
5. ECSI = Environmental Cleanup Site Information (information current as of February 19, 2008).
6. LWG core and grab information obtained from LWG SCRA Combo as of August 28, 2008.
7. PGE Station L sediment cap boundary approximated based on PGE Station L Phase II Final Report (CH2MHill, 1991).

8. Zidell-DEQ Sediment Management Area (SMA) boundary provided by Maul, Foster, Alongi (November 3, 2008).
9. Outfall data obtained from the LWG's GIS shapefile entitled "Outfall_Oct_08.shp". Original source of information provided by the City of Portland in June of 2005. Stormwater pipeline data were provided to GSI Water Solutions by the City of Portland in February of 2008. As data were compiled from a variety of sources, no warranty is made as to the accuracy, reliability, or completeness of these data. Conveyance system information can be accessed at www.portlandmaps.com.

File Path: \\gsi-sbs-001\Projects\110 - BES\004 - CERCLA\Project_GIS\Project_mxds\Field_and_Data_Report\Figure3-2series_Sediment_Sampling_Locations_RM12to16.mxd, Date: December 23, 2008 9:33:32 AM

Figure 3-2c
Sediment Sampling Locations By River Mile

Downtown Portland
Sediment Characterization
Field and Data Report

River Mile 14 to 15

Willamette River
Portland, Oregon

LEGEND

- ■ DPSC Core Location
- ● DPSC Grab Location
- □ LWG Core Location
- ○ LWG Grab Location
- ◆ PP&R Core Location
- ⊕ DEQ Cleanup Site (ECSI#/Name)
- ✳ City Outfall
- ✳ Other Outfall
- →— Stormwater Pipeline
- ····· Abandoned Stormwater Pipeline
- ▭ PGE Station L Sediment Cap, Approximate
- —— Zidell - DEQ Sediment Management Area
- - - - River Mile (RM)

N

1 inch equals 600 feet

300   0   300   600
Feet

Overview

RM 0
RM 5
RM 10
RM 15

MAP NOTES:
Projection: Oregon State Plane North
Datum: North American Datum of 1983
Date: December 23, 2008
1. The locations of all features shown are approximate.
2. DPSC = Downtown Portland Sediment Characterization.
3. PP&R = Portland Parks & Recreation.
4. LWG = Lower Willamette Group.
5. ECSI = Environmental Cleanup Site Information (information current as of February 19, 2008).
6. LWG core and grab information obtained from LWG SCRA Combo as of August 28, 2008.
7. PGE Station L sediment cap boundary approximated based on PGE Station L Phase II Final Report (CH2MHill, 1991).

8. Zidell-DEQ Sediment Management Area (SMA) boundary provided by Maul, Foster, Alongi (November 3, 2008).
9. Outfall data obtained from the LWG's GIS shapefile entitled "Outfall_Oct_08.shp". Original source of information provided by the City of Portland in June of 2005. Stormwater pipeline data were provided to GSI Water Solutions by the City of Portland in February of 2008. As data were compiled from a variety of sources, no warranty is made as to the accuracy, reliability, or completeness of these data. Conveyance system information can be accessed at www.portlandmaps.com.

GSI
Water Solutions, Inc.

Map feature labels: OF28, G030, C018, WR-322, G031, Gull Service Station (Former), OF29, G033, C019, G032, G075, RM-14, ROSS ISLAND BRG, Ross Island, G076, WR-505, WR-504, C034, C007, C036, C008, C037, C035, C016, G017, C038, C009, G018, C039, G077, WR-506, OF06, WR-503, WR-507, G019, G020, C010, OF05, G021, US Bank Property, Pacific Richland - South Waterfront, Zidell Waterfront Property, Prometheus Property - South Waterfront, C011, G022, WR-324, OF04A, Westwood Corp., Neighborhood Park (Public Storage Site), All Deck Block 39 Property, Bond Avenue Right-of-Way, Mackenzie/Saito Property, G023, G078, ODOT - South Waterfront Property, Gibson - Homans Co., Grunbaum Property, South Waterfront Central District, Block 46 & South Waterfront Central District, Block 49, WR-394, Waterside Development Project, G024, G025, C014, G026, OF04, RM-15

Figure 3-2d
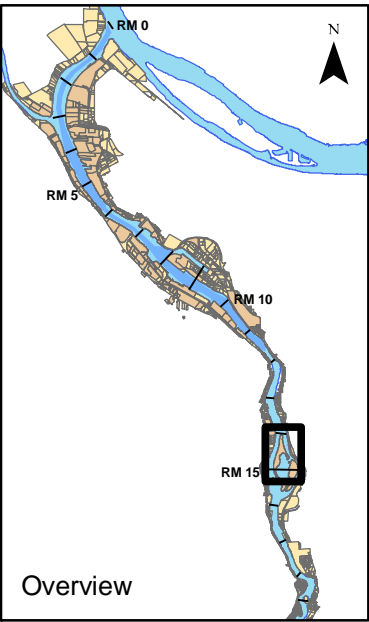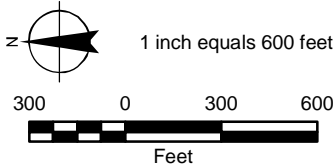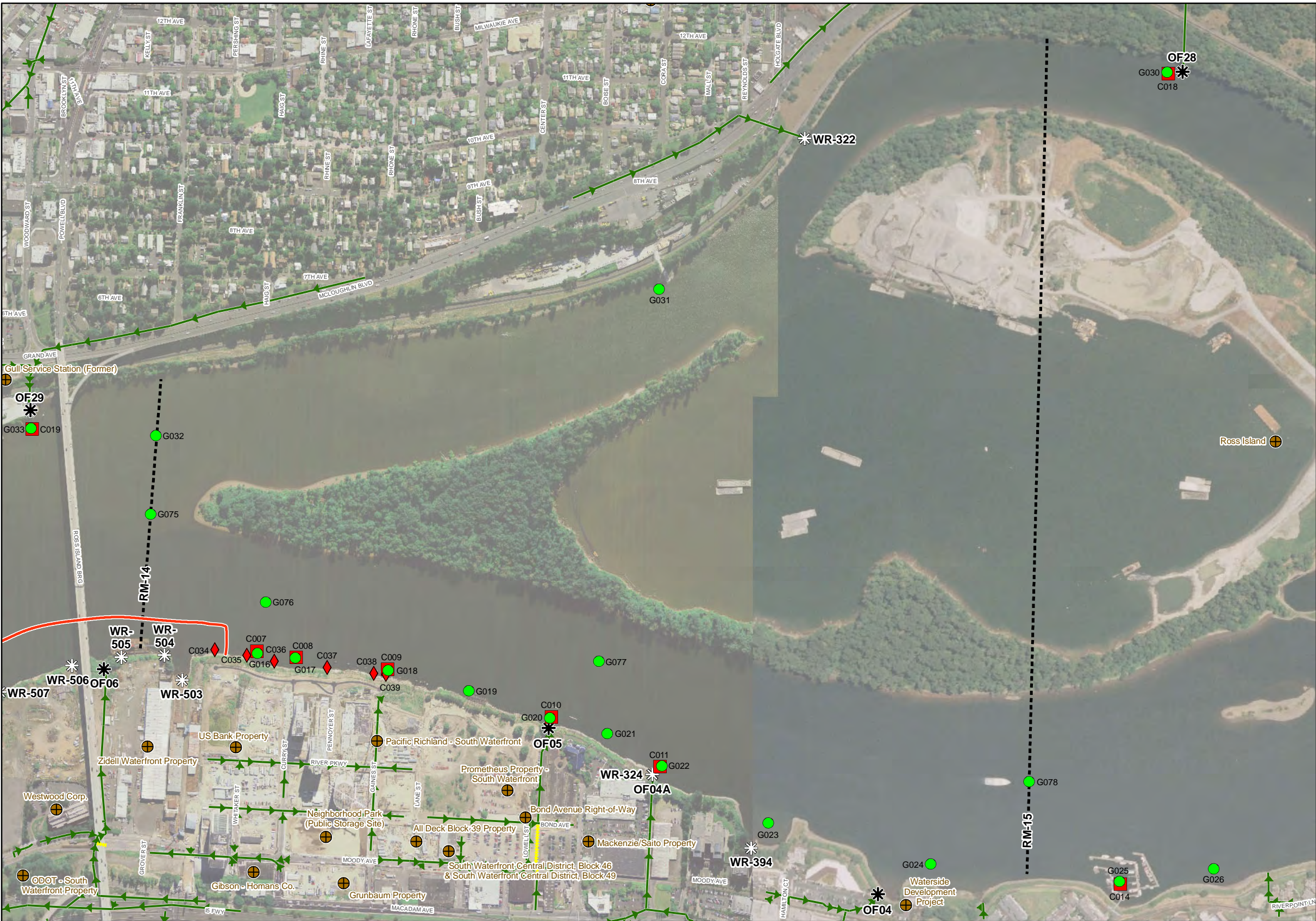**Sediment Sampling Locations By River Mile**

Downtown Portland
Sediment Characterization
Field and Data Report

River Mile 15 to 16

Willamette River
Portland, Oregon

LEGEND

■ (red)	DPSC Core Location
● (green)	DPSC Grab Location
□ (red)	LWG Core Location
○ (green)	LWG Grab Location
◆ (red)	PP&R Core Location
⊕	DEQ Cleanup Site (ECSI#/Name)
✳	City Outfall
✺	Other Outfall
→—	Stormwater Pipeline
┄┄	Abandoned Stormwater Pipeline
▭	PGE Station L Sediment Cap, Approximate
——	Zidell - DEQ Sediment Management Area
┅┅┅	River Mile (RM)

1 inch equals 600 feet

300   0   300   600
Feet

Overview

MAP NOTES:
Projection: Oregon State Plane North
Datum: North American Datum of 1983
Date: December 23, 2008
1. The locations of all features shown are approximate.
2. DPSC = Downtown Portland Sediment Characterization.
3. PP&R = Portland Parks & Recreation.
4. LWG = Lower Willamette Group.
5. ECSI = Environmental Cleanup Site Information (information current as of February 19, 2008).
6. LWG core and grab information obtained from LWG SCRA Combo as of August 28, 2008.
7. PGE Station L sediment cap boundary approximated based on PGE Station L Phase II Final Report (CH2MHill, 1991).

8. Zidell-DEQ Sediment Management Area (SMA) boundary provided by Maul, Foster, Alongi (November 3, 2008).
9. Outfall data obtained from the LWG's GIS shapefile entitled "Outfall_Oct_08.shp". Original source of information provided by the City of Portland in June of 2005. Stormwater pipeline data were provided to GSI Water Solutions by the City of Portland in February of 2008. As data were compiled from a variety of sources, no warranty is made as to the accuracy, reliability, or completeness of these data. Conveyance system information can be accessed at www.portlandmaps.com.

GSI
Water Solutions, Inc.

File Path: \\gsi-sbs-001\Projects\110 - BES\004 - CERCLA\Project_GIS\Project_mxds\Field_and_Data_Report\Figure3-2series_Sediment_Sampling_Locations_RM12to16.mxd, Date: December 23, 2008 9:33:32 AM