Land Quality

Environmental Cleanup

Environmental Cleanup Site Information (ECSI) Database
Site Summary Report - Details for Site ID 2371, Jefferson Smurfit

This report shows data entered as of December 21, 2015 at 3:17:51 PM

This report contains site details, organized into the following sections: 1) Site Photos (appears only if the site has photos); 2) General Site Information; 3) Site Characteristics; 4) Substance Contamination Information; 5) Investigative, Remedial and Administrative Actions; and 6) Site Environmental Controls (i.e., institutional or engineering controls; appears only if DEQ has applied one or more such controls to the site). A key to certain acronyms and terms used in the report appears at the bottom of the page.

Note: DEQ may have posted online documents related to this site. If so, they would be available for viewing or downloading on ECSI Summary Page

Go to DEQ's Facility Profiler to see a site map as well is information on what other DEQ programs may be active at this site.

General Site Information

Site ID: 2371	Site Name: Jefferson Smurfit		CERCLIS No:	
Address:	9930 N Burgard Way Portland 97203			
	County: Multnomah		Region: Northwest	
Other location information:				
Investigation Status:	Suspect site requiring further investigation			
	Brownfield Site: No	NPL Site: No	Orphan Site: No	Study Area: No
Property:	Twnshp/Range/Sect: 2N , 1W , 35		Tax Lots: 33	
	Latitude: 45.6126 deg.	Longitude: -122.7782 deg.	Site Size: 9.53 acres	
Other Site Names:	Burgard Industrial Park Portland Harbor Sediment Study			

Site Characteristics

General Site Description:	
Site History:	
Contamination Information:	Antimony, zinc and total organotins were encountered in sediment in the vicinity of the site at concentrations more than 50 percent above baseline values.
Manner and Time of Release:	
Hazardous Substances/Waste	Total organotins, copper, zinc, mercury, and antimony found in adjacent Willamette River sediments.

Types:

Pathways:

Environmental/Health Threats:

Status of Investigative or Remedial Action: (6/11/99 JMW/SAP) Based on initial sampling results from a river sediment quality study, the Jefferson Smurfit facility has been identified as a potential source of contamination to the Portland Harbor. A Site Assessment Review Notice was sent on March 2, 1999. Response from Jefferson Smurfit was received March 22, 1999. A site screening is scheduled (level II priority). (12/21/99 TBG/SAP) Strategy Recommendation completed November 1999. An expanded Preliminary Assessment (XPA) on the Jefferson Smurfit site should be conducted to evaluate sediment contamination, potential upland site contaminant sources, migration pathways, and past waste-management practices, and to determine sources of observed sediment contamination. XPA is a high priority for follow-up.

(4/10/03 ACV) Smurfit conducted an XPA under a Portland Harbor agreement. DEQ agreed with XPA conclusions that there did not appear to be any significant current sources of contamination to the river. DEQ submitted recommendation memo to EPA in 2002 for no further uplands investigation. EPA has not formally responded.

(May 2004, ACV) EPA agreed with DEQ recommendation for no further upland investigation and low environmental priority ranking based on XPA information.

Data Sources: 1) Portland Harbor Sediment Investigation Report, prepared by Roy F. Weston, Inc. for USEPA, May 1998. 2) Jefferson Smurfit Corporation response to DEQ Site Assessment Information Request, March 17, 1999. 3) Decommissioning of an Above Ground Storage Tank and Excavation of Affected Soils, prepared by Parsons Engineering Science, Inc. for Jefferson Smurfit Corp., October 1997. 4) DEQ LUST Database. 5) DEQ HWIMSy Hazardous Waste Generator Database. 6) DEQ SPINS Spill Database. 7) MetroScan Property Records, Multnomah County, Oregon.

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded
ANTIMONY	Sediment	9 ppm - downstream	9/1/1997
ANTIMONY	Sediment	11 ppm - JSC	9/1/1997
ANTIMONY	Sediment	8 ppm - JSC (Slip mouth)	9/1/1999
ANTIMONY	Sediment	459 ppm - upstream	9/1/1997
DIBENZOFURAN	Sediment	240 ppb - upstream	9/1/1997
MERCURY	Sediment	0.27 ppm	9/1/1997
POLYAROMATIC HYDROCARBONS (PAH)	Sediment	LPAHs - 5504 ppb	9/1/1999
POLYAROMATIC HYDROCARBONS (PAH)	Sediment	HPAHs - 10660 ppb	9/1/1999
TRIBUTYLTIN	Sediment	90 ppb (organotins)	9/1/1997
ZINC	Sediment	18 ppm - JSC (Slip mouth)	9/1/1997
ZINC	Sediment	225 ppm - upstream	9/1/1997

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Lead Pgm
Other recommendation (Primary Action)	05/21/2004	06/21/2004	James Anderson	VCP

Key to Certain Acronyms and Terms in this Report:

CERCLIS No.: The U.S. EPA's Hazardous Waste Site identification number, shown only if EPA has been involved at the site.
Region: DEQ divides the state into three regions, Eastern, Northwest, and Western; the regional office shown is responsible for site investigation/cleanup.
NPL Site: Is this site on EPA's National Priority List (i.e., a federal Superfund site)? (Y/N).
Orphan Site: Has DEQ's Orphan Program been active at this site? (Y/N). The Orphan Program uses state funds to clean up high-priority sites where owners and operators responsible for the contamination are absent, or are unable or unwilling to use their own resources for cleanup.
Study Area: Is this site a Study Area? (Y/N). Study Areas are groupings of individual ECSI sites that

may be contributing to a larger, area-wide problem. ECSI assigns unique Site ID numbers to both individual sites and to Study Areas.
Pathways: A description of human or environmental resources that site contamination could affect.
Lead Pgm: This column refers to the Cleanup Program affiliation of the DEQ employee responsible for the action shown. SAS or SAP = Site Assessment; VCS or VCP = Voluntary Cleanup; ICP = Independent Cleanup; SRS or SRP = Site Response (enforcement cleanup); ORP = Orphan Program.

For more information on this site contact the Northwest regional office.

[print version]

For more information about **ECSI** call Gil Wistar at 503-229-5512 or email.

For more information about **DEQ's Land Quality programs**, visit the DEQ contact page.

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