



INITIAL INVESTIGATION FIELD REPORT

ERTS #
 County King
 Parcel # 362309009
 FS ID # 2192

SITE INFORMATION

Site Name (e.g., Co. name over door): Vashon Island Landfill	Site Address (including City and Zip+4): 18900 Westside Highway SW Vashon Island, WA 98070	Site Phone: (206)296-4411 () -
Site Contact and Title (if any): Victor Okereke Engineering Services Manager	Site Contact Address (including City and Zip+4) if any: 201 South Jackson Street, Suite 701 Seattle, WA 98104-3855	Site Contact Phone: (206)296-4422 () -
Site Owner: King County Dept of Natural Resources and Parks, SWD	Site Owner Address (including City and Zip+4): 201 South Jackson Street, Suite 701 Seattle, WA 98104-3855	Site Owner Phone: () - () -
Site Owner Contact (if any):	Site Owner Contact Address (including City and Zip+4) if any:	Owner Contact Phone: () - () -
Previous/Additional Site Owner(s):	Previous/Additional Site Owner(s) Address (including City and Zip+4):	Phone: () - () -
Alternate Site Names:	Comments:	Is property > 10 acres? Yes <input type="checkbox"/> No <input type="checkbox"/>

Location: Quarter-Quarter: Section: 36 Township: 23N Range: 2E
Latitude: 47 26'14"
Longitude: 122 29' 58"

INSPECTION INFORMATION

Inspection Date: / /	Time: : <input type="checkbox"/> am <input type="checkbox"/> pm	Entry Notice: Assessment <input type="checkbox"/>
Photographs? Yes <input type="checkbox"/> No <input type="checkbox"/>		Weather: Clear <input type="checkbox"/> Rain <input type="checkbox"/> Temperature: ° F
Samples? Yes <input type="checkbox"/> No <input type="checkbox"/>		Wind Direction: Wind Speed:

RECOMMENDATION

No Further Action (due to):	ISIS ACTIONS (check all that apply)
Release or threatened release does not pose a threat <input type="checkbox"/>	Site <input checked="" type="checkbox"/>
No release or threatened release <input type="checkbox"/>	LUST <input type="checkbox"/>
Educational mailing <input type="checkbox"/>	RCU <input type="checkbox"/>
Refer to program/agency () <input type="checkbox"/>	Comments:
Independent cleanup action completed (i.e., remediated) <input type="checkbox"/>	

COMPLAINT (Brief summary of ERTS):

SITE STATUS (Brief summary of site condition(s) after investigation): Site is a landfill permitted under chapter 173-351 WAC. Landfill(Criteria for Municipal Solid Waste Landfills) closed in 2001 and is in the 30 year post-closure period.

Investigator: Sally Safioles

Date Submitted: 4/25/11

OBSERVATIONS

Description: Information based on site knowledge and review of Fourth Quarter 2010 environmental monitoring report.

Site is a landfill permitted under chapter 173-351 WAC (Criteria for Municipal Solid Waste Landfills). Landfill closed in 2001 and is in the 30 year post-closure period. Ground water monitoring is required during post closure. The landfill is impacting ground water in perched saturated zones and ground water discharging to surface water. Vashon Island is a designated sole source aquifer. The primary contaminate of concern is vinyl chloride which exceeds both drinking water standards and the ground water standards (Chapter 173-200 WAC).

From the Fourth quarter 2010 report the maximum value for vinyl chloride is 6.39 µg/L in ground water and 0.04 µg/l in surface water. Other organic compounds are also detected but not above the ground water standards. Other inorganic that exceed ground water standards presented in the Fourth Quarter 2010 report are arsenic at 0.119 mg/l, iron at 14.1 mg/l and manganese at 1.29 mg/l.

Description of past practices likely to be responsible for contamination: a municipal solid waste landfill.

ACTIVITIES OR PRACTICES RESPONSIBLE FOR CONTAMINATION:

- Spill LUST
- Pesticide disposal Tank
- Landfill Improper handling
- Drums Improper disposal
- Other – Describe:

Are discharges permitted? (if yes, describe) No Standard Industrial Codes (if known):
 Yes

CONTAMINANT(S)

AFFECTED MEDIA	CONTAMINANTS (#1-19: See contaminants key below) Enter letter designating status of contaminant: C = Confirmed (above MTCA Method A); S = Suspected; R = Remediated; B = Below MTCA Method A																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Ground Water		C	C	C												C		C	
Surface Water		C	C	C												C			
Drinking Water																			
Soil																			
Sediment																			
Air																			

1 Base/neutral/acid organics	8 Phenolic compounds	15 Conventional contaminants, organic
2 Halogenated organic compounds	9 Non-halogenated solvents	16 Conventional contaminants, inorganic
3 Metals - Priority pollutants	10 Dioxin	17 Asbestos
4 Metals - Other	11 Polynuclear aromatic hydrocarbons (PAHs)	18 Arsenic
5 Polychlorinated biPhenyls (PCBs)	12 Reactive wastes	19 Methyl Tert-Butyl Ether (MTBE)
6 Pesticides	13 Corrosive wastes	
7 Petroleum products	14 Radioactive wastes	

SITE INFORMATION

Soil type glacial till at surface	Slope modified as a landfill
Site vegetation/cover present:	
Forest <input type="checkbox"/>	Pasture/open field <input type="checkbox"/>
Bare soil <input type="checkbox"/>	Wetlands <input type="checkbox"/>
Brush <input type="checkbox"/>	Pavement <input type="checkbox"/>
Landscaped <input type="checkbox"/>	Surface water <input type="checkbox"/>
Other – Describe: site is a landfill with a perimeter road, leachate pond, transfer station, stormwater ponds	

Are there any drinking water systems affected?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Municipal, private, or both? (Circle)		
How many people are estimated to be affected?		
Is there a potential for a release or threatened release to affect a drinking water source?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Are there monitoring wells in the vicinity?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Are there dry wells in the vicinity?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

CONTAMINANT PATHWAYS AND TARGETS

	Ingestion	Inhalation	Contact
Ground Water	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface Water	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Drinking Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Soil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sediment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<u>Targets Possible:</u>	Residential <input checked="" type="checkbox"/>
Human, adult <input type="checkbox"/>	Industrial <input type="checkbox"/>
Human, children <input type="checkbox"/>	Commercial <input type="checkbox"/>
Sensitive environments (See WARM Scoring Manual for definition): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe:	

General Comments:

SITE MAP/DIAGRAM

Site Name




North

Approximate scale: inch = feet

ERTS Number

County

Inspector

Date