OIL & HAZARDOUS SUBSTANCE
ACTION FORM

Site Number: 91-23-01-143-02

Site Name: Alaska Roadbuilders Gravel Pit

Action Code: UPD and/or Action Description:

Action by: DEC Action Date: May 20, 1992

Action Due Date: Action Compl Date:

Fund Source: RP

Action Status: On May 20, 1992, the Department approved the Phase I sampling plan written by Ron Rozak, P.E. for the area in the north corner of the property where a bunch of leaking barrels, batteries, heaters with asbestos, and misc. equipment are stored. I contacted Ron to check on the status of the site on Dec. 10, 1992. Ron said that since the May 20th reply, he had not been contacted by Ak. Roadbuilders to do any work.

The following information needs to be changed in the Haz-data:

Election district: HD 9E
Staff Assigned: Twidwell
Owner: Ronald L. Davis

Per phone conversation with: 262-9140
Blake's Sec. called & said they planned to do testing in the spring 93 — BT 1/8/93

HAZARDOUS SITE RANKING FORM

REAL NAME OF SITE Alaska Road Builders

Date: Dec. 14, 1992

RECKEY 91-23-01-143-02

1. Toxicity Value = 3.0

If more than one substance is present, use the one that will score the highest substance factor = [Toxicity x 3) + Quantity].

Value	Toxicity
4	Chlorinated solvents, other halogenated hydrocarbons, synthetic chlorinated organic pesticides
3	Metals, gasoline, naphtha, non-chlorinated pesticides
2.1	Unknown Substances
2	Diesel fuel, jet fuels, kerosene, non-chlorinated phenols, non-chlorinated solvents, crude oil
1	Waste lubricating oils, heavy fuel oils (No. 6 etc.), inorganic acids/bases

Note: Assign a value of 2 to drilling muds, based on the expected low levels of petroleum compounds and some metals.

There are several contaminants on site: I noticed broken car batteries so there would be lead contamination, leaking oil which looked like used motor oil from barrels, a tarry residue that I think is the oil used for making asphalt which is called CSS1, and loose asbestos from an old boiler that has been scraped.

2. Quantity Value = 2.1

Value	Quantity
1	< 10 drums or 550 drum or tank gallons, < 500 spilled gallons, < 100 cubic yards or tons, < 100 ft²
2	10-100 drums or 550-5,500 drum or tank gallons, 500-10,000 spilled gallons, 100-500 cubic yards or tons, 100-10,000 ft²
2.1	Unknown quantity
3	100-1,000 drums or 5,500-55,000 drum or tank gallons, 10,000-40,000 spilled gallons, 500-2,000 cubic yards or tons, 10,000-43,560 ft²
4	> 1,000 drums or > 55,000 drum or tank gallons, > 40,000 spilled gallons, > cubic yards or tons, > 1 acre (43,560 ft²)

There looks to be about 50 barrels on site, several of which are leaking. All of the barrels are in poor condition and are heavily rusted. There is an unknown amount of contaminated soils from the batteries and the leaking barrels.

63.2 D'-Bar

3. **Release Information Value =** 1.0

Value	Release Information
1.0	Documented releases of contamination regardless of quantity
0.5	Containment management practices which may pose significant threat, but no documentation by observation or test results
0.2	Unknown potential for site release, or off-site contamination not clearly linked to site
0.1	Documented absence of releases at the site

It is documented that there is contamination on site because of site investigations have visually seen the contamination.

4. **Site Access Value =** 2.0

Value	Site Access
3	School within 500 feet and surface wastes partially controlled or uncontrolled
2	Access to the site is uncontrolled and wastes present at surface
1	Access to the site is partially controlled, or surrounding features restrict site access, or contaminated soil stockpiled (presumed covered)
0	Hazardous substances are underground, or site is secure

Access to the site is open to the public and the contamination is on the ground surface.

5. **Air Exposure Index Value =** 0.1

Value	Air Exposure Index
1.0	A documented release of particulates or gases
0.5	Releases may have occurred at the site, but cannot be documented based on site information
0.2	Sites with partially covered stockpiles of contaminated soils not known to be completely, effectively and permanently covered
0.1	No significant air releases

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6a. **Population Density Value =** 8

Value	Predominant Population Density within 1 mile
10	Urban residential (< ¼ acre), (> 35,000 people)
8	Suburban (¼ - 1 acre); Cities of 2,000 - 35,000; or industrial/commercial areas

5	Villages of < 2,000 people; or low density housing (> 1 acre) or low density/commercial pr few permanent residents, but intensive seasonal use
3	Rural, with some occupied buildings
0	No population

The site is located within Soldotna city limits and right next to the town of Ridgeway.

6b. Population Proximity Value = 1.0

Value	Population in Proximity to the Site (Also count workers at site, residents of military barracks or lodges and students at a school)
1	Occupied buildings or dwellings present within 500 feet of site.
0.5	No occupied buildings

There are homes within 500 feet of the site.

7. Ground Water Usage Value = 0.8

Value	Ground Water Use Within 1 Mile
1.0	Municipal wells or other public water supply wells serving > 25 individuals.
0.8	Primarily community or private wells
0.4	No known wells, but possibility exists, or drinking water supply > 1 mile from site
0.1	Ground water not available for drinking water or not used

Private wells in the area.

8. Ground Water Exposure Index Value = 0.4

Value	Exposure Index
2.0	Documented contamination of drinking water supply at the tap, exceeding the MCL
1.4	Documented contamination of drinking water supply at the tap, not exceeding the MCL
0.7	Ground water contamination exists, but no documented contamination of water supply at the tap
0.4	Ground water contamination unknown
0.0	Ground water documented to be free of contamination OR low potential for contamination

Site assessment has not been done so do not know if the groundwater has been impacted.

9. **Surface Water Use Value =** 0.2

Value	Surface Water Use Within 1 Mile
1.0	Surface water used as a drinking water source. (NOTE: assign this value if surface drinking water supplies within one mile of the site have been abandoned due to site contamination.)
0.5	Surface water use unknown, but likely
0.2	Surface water use unknown but unlikely, or no use of surface water as a drinking water source

10. **Surface Water Exposure Index Value =** 0.4

Value	Exposure Index
2.0	Documented contamination of surface drinking water supply at the tap, exceeding the MCL
1.4	Documented contamination of surface drinking water supply at the tap, not exceeding the MCL
0.7	Surface water contamination exists, but no documented contamination of drinking water supply at the tap
0.4	Surface water contamination unknown
0.0	Surface water documented to be free of contamination OR low potential for contamination

I saw in one area where the oil was washed down the excavation to a lower area.

11. **Surface Water Environments Value =** 0.0

Value	Surface Water Environment Within ¼ Mile
5	Fresh or marine waters or wetlands present, and evidence of death or stress to fish or wildlife
3	Fresh or marine waters or wetlands present, and evidence of death or stress to plants
2	Fresh or marine waters or wetlands present, but no evidence of death or stress to fish, wildlife or plants
0	No fresh or marine waters or wetlands present

12. **Environmental/Recreation Area Value =** 0.0

Value	Environmental Area
5	The site is in an environmental/recreation area and evidence exists of death or stress to fish or wildlife
3	The site is in an environmental/recreation area and evidence exists of death or stress to plants
2	The site is in an environmental/recreation area with no evidence of death or stress to fish, wildlife or plants
0	The site is not in an environmental/recreation area

If you have answered "0" to both questions 11 and 12, answer question 13. **If not...don't.** Use this data element only when there are documented impacts to environmental receptors which ARE NOT WITHIN 1/4 MILE OF SURFACE WATERS OR LOCATED WITHIN 1/4 MILE OF AN ENVIRONMENTAL or RECREATION AREA. Otherwise, skip to question 14.

13. **Observed Environmental Impacts Value =** 3.0

Value	Environmental Impacts
5	Evidence of death or stress to fish or wildlife
3	Evidence of death or stress to plant life
0	No evidence of death or stress to wildlife to plant life

There was visible stress to plant life.

14. **Sites with Multiple Sources or Contaminants Value =** yes (Yes or No)

Determine if multiple sources or contaminants are present at the site. If the response for this is *YES*, the final score will be multiplied by 1.2 to reflect additional risks posed by multiple sources or contaminants. If there are not multiple sources or contaminants, the final score will not be adjusted.

See the answer to the first question for the list of all contaminants that were noticed.

Scores assigned by: Bryson Twidwell ADEC/KDO
Date: Dec. 14, 1992

Edit Go to Exit

2.2.3.2 OIL & HAZ SUBSTANCE SCORE EDIT 12/14/92 12:04:38

Reckey Number 91230114302 Industrial Site Ridgeway Rd.

		Possible Values	Unknown
Toxicity Value	= 3.	(4, 3, 2.1, 2, 1)	2.1
Quantity Value	= 2.1	(1, 2, 2.1, 3, 4)	2.1
Release Information Value	= 1.	(1.0, .5, .2, .1)	.2
Site Access Value	= 2.	(3, 2, 1, 0)	
Air Exposure Index Value	= 0.1	(1.0, .5, .2, .1)	.2 or .5
Population Density Value	= 8.	(10, 8 , 5, 3, 0)	
Population Proximity Value	= 1.	(.5, 1)	
Ground Water Usage Value	= 0.8	(1.0, .8, .4, .1)	
Ground Water Exposure Index Value	= 0.4	(2.0, 1.4, .7, .4, 0)	.4

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2.2.3.2 OIL & HAZ SUBSTANCE SCORE EDIT 12/14/92 12:04:38

		Possible Values	Unknown
Surface Water Use Value	= 0.2	(1., .5, .2)	
Surface Water Exposure Index Value	= 0.4	(2., 1.4, .7, .4, 0)	.4
Surface Water Environments Value	= 0.	(5, 3, 2, 0)	
Environmental/Recreation Area Value	= 0.	(5, 3, 2, 0)	
Observed Environmental Impacts Value	= 3.	(5, 3, 0)	
Multiple Sources (y or n)	= y	(y, n)	

Form: scoreed Table: scores Field: mult_sit Page: 2