



PRELIMINARY ASSESSMENT DECISION - E

Site Name: Landfill at Cottonwood Park EPA ID#: C00000309054

Alias Site Names: _____

City: Anada County or Parish: Jefferson State: CO

Refer to Report Dated: approved 7/95 Report developed by: ML

The purpose of this sheet is to document the decision made at the conclusion of a Comprehensive Environmental Response Compensation and Liability Act (CERCLA) Preliminary Assessment (PA) with respect to future actions to be taken at the site. The PA is designed to distinguish between sites that pose little or no threat to human health and the environment and sites that require further investigation. As a result of the PA, if it is determined that a site has the potential to achieve a Hazard Ranking Score (HRS) equal to or greater than 28.5 then the site will be assigned a "higher" or "lower" priority for a Site Inspection. If the site is determined to achieve a HRS score less than 28.5 then the site will be given the disposition of "No Further Remedial Action Planned" (NFRAP). Because of the inherent difficulties in evaluating a site under the HRS on the amount of information provided in a PA, the following qualitative factors will be used as a measure for assessment.

(CHECK ALL THAT APPLY)

WASTE TYPE	NATURE OF RELEASE
<input checked="" type="checkbox"/> KNOWN LISTED HAZARDOUS SUBSTANCES <u>solvents</u>	<input type="checkbox"/> OBSERVED OR DOCUMENTED
<input type="checkbox"/> SUSPECTED HAZARDOUS SUBSTANCE	<input type="checkbox"/> SUSPECTED
<input type="checkbox"/> CERCLA - EXEMPT WASTE	<input checked="" type="checkbox"/> UNKNOWN
<input type="checkbox"/> UNKNOWN	<input type="checkbox"/> NONE/FULLY CONTAINED
<input type="checkbox"/> NONE/NO LONGER ON SITE	

TARGETS/RECEPTORS

KNOWN	POTENTIAL
<input type="checkbox"/> HUMAN	<input checked="" type="checkbox"/> HUMAN
<input type="checkbox"/> INHALATION	<input type="checkbox"/> INHALATION
<input type="checkbox"/> DRINKING WATER	<input checked="" type="checkbox"/> DRINKING WATER <u>few</u>
<input type="checkbox"/> FOOD CHAIN/FISHERIES	<input checked="" type="checkbox"/> FOOD CHAIN/FISHERIES <u>distant</u>
<input type="checkbox"/> ON-SITE (circle Workers and/or Residents)	<input type="checkbox"/> ON-SITE (circle Workers and/or Residents)
<input type="checkbox"/> NONE	<input type="checkbox"/> UNKNOWN
<input type="checkbox"/> ENVIRONMENTAL	<input checked="" type="checkbox"/> ENVIRONMENTAL
<input type="checkbox"/> SENSITIVE ENVIRONMENT	<input checked="" type="checkbox"/> SENSITIVE ENVIRONMENT <u>wetlands</u>
<input type="checkbox"/> SENSITIVE HABITAT	<input type="checkbox"/> SENSITIVE HABITAT
<input type="checkbox"/> TERRESTRIAL SENSITIVE	<input type="checkbox"/> TERRESTRIAL SENSITIVE
<input type="checkbox"/> NONE	<input type="checkbox"/> UNKNOWN

HIGHER PRIORITY QUALIFIER		LOWER PRIORITY QUALIFIER
HRS CANDIDATE	<ul style="list-style-type: none"> -Level I or II likely -Large waste quantity where targets exist -Large potential targets where there is poor containment and/or high likelihood to release 	<ul style="list-style-type: none"> -Potential targets where waste is present -Waste characteristics are moderate to weak but where targets are present -Weak containment/moderate likelihood to release where targets are present
NO FURTHER REMEDIAL ACTION PLANNED (NFRAP)		
NOT A HRS CANDIDATE	<ul style="list-style-type: none"> -No waste present or -Full containment or -Full removal or -No targets within HRS proximity 	

DECISION:

NO FURTHER REMEDIAL ACTION PLANNED (NFRAP) Site does not qualify for further assessment under CERCLA

DEFERRED - Site may qualify for further action, but is deferred to: RCRA subtitle C permit
 NRC (Federal License)

FURTHER ASSESSMENT NEEDED:

HIGHER PRIORITY - Immediate Site Inspection required as soon as possible—site established as a higher threat

LOWER PRIORITY - Site Inspection required—site established as a lower threat

DISCUSSION/RATIONALE:

Site is a 13 acre former landfill.

It was sampled (via soil borings) and analyzed for PCBs and VOCs. Low (<100 ppb) concentrations of solvents were found.

Site has 3' clay cap, but no lines or runoff control system. A sheen was once reported on the water — of unknown origin (maybe algal). It would take 80 drinking water users whose wells were contaminated above the MCLs to ID a national priority via ground water — nearly everyone within 1/2 mile. Many drinking water supplies are downgradient via surface water, but

PCBs ^{none} are less than 2 miles. Wetlands are adjacent

Report Reviewed and Approved by:

PSmith

Signature:

PSmith

Date:

7/6/95

Site Decision Made by:

PSmith

Signature:

PSmith

Date:

7/6/95

to the site, but releases of known substances to the wetlands would not indicate a national priority, & would not bioaccumulate.