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# POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT
## PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

| 01 STATE | 02 SITE NUMBER |
|---|---|
| CO | D [illegible] |

## II. SITE NAME AND LOCATION

| 01 SITE NAME (Legal, common, or descriptive name of site) | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER |
|---|---|
| County Line Landfill | County Line and Daniels Park Roads |

| 03 CITY | 04 STATE | 05 ZIP CODE | 06 COUNTY | 07 COUNTY CODE | 08 CONG DIST |
|---|---|---|---|---|---|
| Littleton (S) | CO | 80122 | Douglas | 031 | CO 01 |

| 09 COORDINATES LATITUDE | LONGITUDE |
|---|---|
| 39 33 49.0 | 104 56 08.0 |

10 DIRECTIONS TO SITE (Starting from nearest public road)
West from Interstate 25 on County Line Road (Colorado 470) to Daniels Park Road; South about 1500 feet to site entrance

## III. RESPONSIBLE PARTIES

| 01 OWNER (if known) | 02 STREET (Business, mailing, residential) |
|---|---|
| Arapahoe County Board of Commissioners | 5334 South Prince Street |

| 03 CITY | 04 STATE | 05 ZIP CODE | 06 TELEPHONE NUMBER |
|---|---|---|---|
| Littleton | CO | 80120 | (303) 795-4630 |

| 07 OPERATOR (If known and different from owner) | 08 STREET (Business, mailing, residential) |
|---|---|
| Waste Management of Colorado | 3995 Nome Street |

| 09 CITY | 10 STATE | 11 ZIP CODE | 12 TELEPHONE NUMBER |
|---|---|---|---|
| Denver | CO | 80239 | (303) 373-0155 |

13 TYPE OF OWNERSHIP (Check one)
☐ A. PRIVATE ☐ B. FEDERAL _____ (Agency name) ☐ C. STATE ☑ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☐ A. RCRA 3001 DATE RECEIVED: _____ (Month Day Year) ☑ B. UNCONTROLLED WASTE SITE (CERCLA 103 f) DATE RECEIVED: 6 19 81 (Month Day Year) ☐ C. NONE

## IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
☑ YES DATE 10 7 83 (Month Day Year)
☐ NO

07 (Check all that apply)
☐ A. EPA ☐ B. EPA CONTRACTOR ☑ C. STATE ☐ D. OTHER CONTRACTOR
☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: _____ (Specify)
CONTRACTOR NAME(S): _____

02 SITE STATUS (Check one)
☑ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION
1965 (Beginning Year) | PRESENT (Ending Year) ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
- Alleged spent solvents, aromatics: no records of listed waste acceptance
- Small quantities hazardous wastes mixed w/ industrial, commercial and residential refuse

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
- Shallow groundwater contamination - dissolved solids and priority pollutants - no evidence of population exposure
- Occasional odor/smoke nuisances (APCD compliance order issued 9/10/84
- Potential fire hazard to adjacent homeowners (3 fires since June '85)

## V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☑ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

## VI. INFORMATION AVAILABLE FROM

| 01 CONTACT | 02 OF (Agency/Organization) | 03 TELEPHONE NUMBER |
|---|---|---|
| Arend 'Rodee' Lendfrink | Waste Mgt. Colorado | (303) 373-0155 |

| 04 PERSON RESPONSIBLE FOR ASSESSMENT | 05 AGENCY | 06 ORGANIZATION | 07 TELEPHONE NUMBER | 08 DATE |
|---|---|---|---|---|
| Ned Noack | State | Dept. Health | (303) [illegible] | 3 23 84 (Month Day Year) |

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# POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

## PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

| I. IDENTIFICATION | |
|---|---|
| 01 STATE | 02 SITE NUMBER |
| | |

**II. HAZARDOUS CONDITIONS AND INCIDENTS** (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NOT observed

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (include name(s) of species)
NOT OBSERVED

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NOT OBSERVED

01 ☑ M. UNSTABLE CONTAINMENT OF WASTES (Spills/runoff/standing liquids/leaking drums) — 02 ☐ OBSERVED (DATE: 2/21/84) ☐ POTENTIAL ☑ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION
INADEQUATE COVER APPLICATION - ODORS/BLOWING LITTER/SMOKE FROM OCCASIONAL FIRES

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NOT OBSERVED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NOT OBSERVED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NOT OBSERVED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

**III. TOTAL POPULATION POTENTIALLY AFFECTED:** _____

**IV. COMMENTS**

**V. SOURCES OF INFORMATION** (Cite specific references, e.g., state files, sample analysis, reports)

CDH Douglas County SW files
EPA Notification of Hazardous Wastes
CDH/APCD files

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# POTENTIAL HAZARDOUS WASTE SITE
## PRELIMINARY ASSESSMENT
### PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

| I. IDENTIFICATION | |
|---|---|
| 01 STATE | 02 SITE NUMBER |
| | |

## II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☑ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 25

02 ☐ OBSERVED (DATE: FEB 22 1983) ☑ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
CONTAMINATION CONFINED TO SHALLOW ZONE IN DRAINAGEWAY ON SITE. DEEPER GROUNDWATER NOT AFFECTED. OFFSITE MIGRATION NOT OBSERVED. [illegible] HAPPENED [illegible] WORKERS NORTH OF SITE POTENTIALLY AFFECTED (FUTURE INSIDERATION)

01 ☐ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NOT OBSERVED

01 ☑ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: 25000

02 ☑ OBSERVED (DATE: 2/21/84) ☑ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
FIRE AT WORKING FACE TOOK 12 HOURS TO PUT OUT. SMOKE DRIFTED NW OVER LITTLETON. HOMEOWNERS ADJACENT TO SITE (NW) CONCERNED ABOUT BURNING EMBERS DRIFTING OVERHEAD

01 ☑ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: 25000

02 ☐ OBSERVED (DATE: 2/21/84) ☑ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
SEE ABOVE

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NOT OBSERVED

01 ☐ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: _____ (ACRES)

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NOT OBSERVED

01 ☐ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NOT OBSERVED

01 ☐ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NOT OBSERVED

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
NOT OBSERVED

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# POTENTIAL HAZARDOUS WASTE SITE
## PRELIMINARY ASSESSMENT
## PART 2 - WASTE INFORMATION

| I. IDENTIFICATION | |
|---|---|
| 01 STATE | 02 SITE NUMBER |
| | |

## II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

**01 PHYSICAL STATES** (Check all that apply)

- [x] A. SOLID
- [ ] B. POWDER, FINES
- [ ] C. SLUDGE
- [ ] D. OTHER Groundwater (Specify)
- [ ] E. SLURRY
- [ ] F. LIQUID
- [ ] G. GAS

**02 WASTE QUANTITY AT SITE** (Measures of waste quantities must be independent)

TONS _____

CUBIC YARDS _____

NO. OF DRUMS _____

**03 WASTE CHARACTERISTICS** (Check all that apply)

- [x] A. TOXIC
- [ ] B. CORROSIVE
- [ ] C. RADIOACTIVE
- [x] D. PERSISTENT
- [ ] E. SOLUBLE
- [ ] F. INFECTIOUS
- [ ] G. FLAMMABLE
- [ ] H. IGNITABLE
- [ ] I. HIGHLY VOLATILE
- [ ] J. EXPLOSIVE
- [ ] K. REACTIVE
- [ ] L. INCOMPATIBLE
- [ ] M. NOT APPLICABLE

## III. WASTE TYPE

| CATEGORY | SUBSTANCE NAME | 01 GROSS AMOUNT | 02 UNIT OF MEASURE | 03 COMMENTS |
|---|---|---|---|---|
| SLU | SLUDGE | UNKNOWN | | STABILIZED/DIGESTED |
| OLW | OILY WASTE | | | |
| SOL | SOLVENTS | SEE BELOW | | IN GROUNDWATER |
| PSD | PESTICIDES | | | |
| OCC | OTHER ORGANIC CHEMICALS | SEE BELOW | | IN GROUNDWATER |
| IOC | INORGANIC CHEMICALS | | | |
| ACD | ACIDS | | | |
| BAS | BASES | | | |
| MES | HEAVY METALS | SEE BELOW | | IN GROUNDWATER |

## IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

| 01 CATEGORY | 02 SUBSTANCE NAME | 03 CAS NUMBER | 04 STORAGE/DISPOSAL METHOD | 05 CONCENTRATION | 06 MEASURE OF CONCENTRATION |
|---|---|---|---|---|---|
| | TOLUENE | 108-88-3 | | 1.4913 | |
| * | 1,2-TRANS-DICHLOROETHYLENE | | | 0.1963 | |
| | PHENOLS | 108-95-2 | | 0.173 | |
| | DIETHYL PHTHALATE | | | 0.1367 | |
| | 2,4 DIMETHYLPHENOL | | | 0.1333 | |
| | CHROMIUM (TOTAL) | | | 0.056 | |
| * | VINYL CHLORIDE | | | 0.0433 | |
| * | TRICHLOROFLUOROMETHANE | | | 0.0367 | |
| * | BENZENE | 71-43-2 | | 0.036 | |
| | ETHYLBENZENE | 100-41-4 | | 0.0293 | |
| | TRICHLOROETHYLENE | 79-01-6 | | 0.0067 | |
| * | TETRACHLOROETHYLENE | | | 0.0067 | |
| | 1,1-DICHLOROETHANE | | | 0.0057 | |
| | | | | | |
| | | | | | |
| * | KNOWN/SUSPECTED CARCINOGENS | | | NOTE: ALL CONC. ARE AVERAGED | NOTE: ALL ARE mg/LITER |

## V. FEEDSTOCKS (See Appendix for CAS Numbers)

| CATEGORY | 01 FEEDSTOCK NAME | 02 CAS NUMBER | CATEGORY | 01 FEEDSTOCK NAME | 02 CAS NUMBER |
|---|---|---|---|---|---|
| FDS | | | FDS | | |
| FDS | | | FDS | | |
| FDS | | | FDS | | |
| FDS | | | FDS | | |

## VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

- CDH Douglas County SW files
- Hydro-Search, Inc., Feasibility Analysis of Remedial Action Programs, County Line Landfill, January 1984, 37pp, 4 appendices

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