

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

### Release Notification and Corrective Action

#### OPERATOR

☐ Initial Report ☒ Final Report

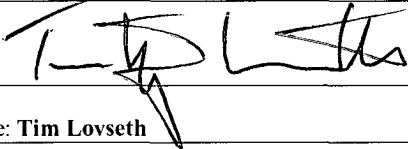
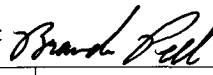
|                                                            |                                           |                             |
|------------------------------------------------------------|-------------------------------------------|-----------------------------|
| Name of Company <b>Hallador Petroleum LLP</b>              | Contact <b>Tim Lovseth</b>                |                             |
| Address <b>1660 Lincoln St., Ste 2700, Denver CO 80264</b> | Telephone No. <b>303 839-5504 ext 317</b> |                             |
| Facility Name <b>Horton 11</b>                             | Facility Type <b>well</b>                 |                             |
| Surface Owner <b>Charles &amp; Mary Eppard</b>             | Mineral Owner <b>Federal</b>              | Lease No. <b>SF-078146A</b> |

#### LOCATION OF RELEASE

|                         |                      |                        |                     |                             |                                |                              |                              |                           |
|-------------------------|----------------------|------------------------|---------------------|-----------------------------|--------------------------------|------------------------------|------------------------------|---------------------------|
| Unit Letter<br><b>D</b> | Section<br><b>27</b> | Township<br><b>32N</b> | Range<br><b>12W</b> | Feet from the<br><b>880</b> | North/South Line<br><b>FNL</b> | Feet from the<br><b>1190</b> | East/West Line<br><b>FWL</b> | County<br><b>San Juan</b> |
|-------------------------|----------------------|------------------------|---------------------|-----------------------------|--------------------------------|------------------------------|------------------------------|---------------------------|

Latitude 36.96196 Longitude 108.08762

#### NATURE OF RELEASE

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                       |                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Type of Release <b>possible hydrocarbons</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Volume of Release <b>unknown</b>                                                                                                      | Volume Recovered <b>none</b>                 |
| Source of Release <b>below-grade tank</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Date and Hour of occurrence ?                                                                                                         | Date and Hour of Discovery <b>7/13 10 am</b> |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | If YES, To Whom?<br><b>Brandon Powell - OCD</b>                                                                                       |                                              |
| By Whom? <b>Tim Lovseth</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Date and Hour <b>7/13/10 10 am</b>                                                                                                    |                                              |
| Was a Watercourse Reached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | If YES, Volume Impacting the Watercourse.                                                                                             |                                              |
| If a Watercourse was Impacted, Describe Fully.*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                       |                                              |
| Describe Cause of Problem and Remedial Action Taken.*<br><b>BGT closure 5-point composite sample showed TPH to be ND mg/kg by method 8015, no remedial action taken</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                       |                                              |
| Describe Area Affected and Cleanup Action Taken.*<br><b>No soil hydrocarbon staining observed, no cleanup action taken</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                       |                                              |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |                                                                                                                                       |                                              |
| Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | OIL CONSERVATION DIVISION                                                                                                             |                                              |
| Printed Name: <b>Tim Lovseth</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Approved by District Supervisor:  For: <b>CP</b> |                                              |
| Title: <b>Exploration Manager</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Approval Date: <b>9/21/10</b>                                                                                                         | Expiration Date:                             |
| E-mail Address: <b>timlovseth@qwest.net</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Conditions of Approval:                                                                                                               | Attached <input type="checkbox"/>            |
| Date: <b>7-26-10</b> Phone: <b>303 839-5504 ext 317</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                       |                                              |

\* Attach Additional Sheets If Necessary

n BP 1026428962

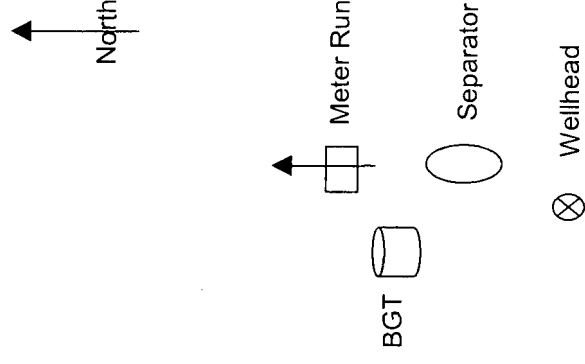


|                                |                     |                      |                  |
|--------------------------------|---------------------|----------------------|------------------|
| <b>Location:</b>               | Horton # 11         |                      |                  |
| <b>Footages:</b>               | 880 FNL & 1190 FWL  |                      |                  |
| <b>Unit Letter:</b>            | D                   | Sec. 27              | Twn. 32N Rng 12W |
| <b>Latitude:</b>               | 36.96196            | Longitude: 108.08762 |                  |
| <b>Lease Num.:</b>             | SF-078146A          | Land Type: BLM       |                  |
| <b>BGT Type:</b>               | Sep                 |                      |                  |
| <b>BGT Reference</b>           |                     |                      |                  |
| <b>Reference:</b>              | wellhead            | Footage:             | 30-ft            |
| <b>Direction:</b>              | North               | 10°                  | West             |
| <b>Initial size:</b>           | 15' x 15' x 3' deep |                      |                  |
| <b>Final Size:</b>             | 15' x 15' x 3' deep |                      |                  |
| <b>Total Cubic Yards:</b>      | 0                   |                      |                  |
| <b>Distances from (ft):</b>    |                     |                      |                  |
| Groundwater:                   | >100'               |                      |                  |
| Wellhead Protection Area:      | >1000'              |                      |                  |
| Nearest Surface Water:         | >1000'              |                      |                  |
| Distance to ephemeral stream:  | N/A                 |                      |                  |
| (Navajo/Jicarilla only)        |                     |                      |                  |
| <b>Ranking Score (points):</b> | 0                   |                      |                  |

| Sample ID | Description | OVM Reading |
|-----------|-------------|-------------|
| 1         |             |             |
| 2         |             |             |
| 3         |             |             |
| 4         |             |             |
| 5         |             |             |
| 6         |             |             |
| 7         |             |             |
| 8         |             |             |
| 9         |             |             |
| 10        |             |             |

|                  |                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Comments:</b> | Soil is brown clayey loam, no h-c odor & or staining. 5-point composite sample prepared for Lab analysis. |
|------------------|-----------------------------------------------------------------------------------------------------------|

Site Diagram:



N S E W



**EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**

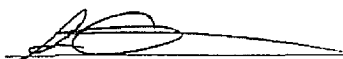
|                      |                    |                     |            |
|----------------------|--------------------|---------------------|------------|
| Client:              | Hallador Petroleum | Project #:          | 10067-0001 |
| Sample ID:           | 5 Pt. Comp.        | Date Reported:      | 07-15-10   |
| Laboratory Number:   | 55144              | Date Sampled:       | 07-14-10   |
| Chain of Custody No: | 9959               | Date Received:      | 07-14-10   |
| Sample Matrix:       | Soil               | Date Extracted:     | 07-14-10   |
| Preservative:        | Cool               | Date Analyzed:      | 07-15-10   |
| Condition:           | Intact             | Analysis Requested: | 8015 TPH   |

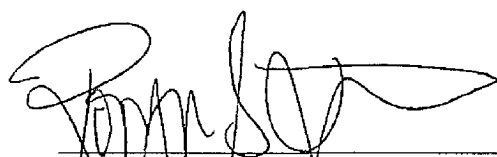
| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | ND                       | 0.2                      |
| Diesel Range (C10 - C28)     | ND                       | 0.1                      |
| Total Petroleum Hydrocarbons | ND                       | 0.2                      |

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Horton #11**

  
\_\_\_\_\_  
Analyst

  
\_\_\_\_\_  
Review



**EPA Method 8015 Modified**  
**Nonhalogenated Volatile Organics**  
**Total Petroleum Hydrocarbons**

**Quality Assurance Report**

|                    |                    |                     |          |
|--------------------|--------------------|---------------------|----------|
| Client:            | QA/QC              | Project #:          | N/A      |
| Sample ID:         | 07-15-10 QA/QC     | Date Reported:      | 07-15-10 |
| Laboratory Number: | 55143              | Date Sampled:       | N/A      |
| Sample Matrix:     | Methylene Chloride | Date Received:      | N/A      |
| Preservative:      | N/A                | Date Analyzed:      | 07-15-10 |
| Condition:         | N/A                | Analysis Requested: | TPH      |

|                         | I-Cal Date | I-Cal RF    | C-Cal RF    | % Difference | Accept. Range |
|-------------------------|------------|-------------|-------------|--------------|---------------|
| Gasoline Range C5 - C10 | 05-07-07   | 9.9960E+002 | 1.0000E+003 | 0.04%        | 0 - 15%       |
| Diesel Range C10 - C28  | 05-07-07   | 9.9960E+002 | 1.0000E+003 | 0.04%        | 0 - 15%       |

| Blank Conc. (mg/L - mg/Kg)   | Concentration | Detection Limit |
|------------------------------|---------------|-----------------|
| Gasoline Range C5 - C10      | ND            | 0.2             |
| Diesel Range C10 - C28       | ND            | 0.1             |
| Total Petroleum Hydrocarbons | ND            | 0.2             |

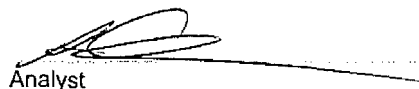
| Duplicate Conc. (mg/Kg) | Sample | Duplicate | % Difference | Accept. Range |
|-------------------------|--------|-----------|--------------|---------------|
| Gasoline Range C5 - C10 | ND     | ND        | 0.0%         | 0 - 30%       |
| Diesel Range C10 - C28  | ND     | ND        | 0.0%         | 0 - 30%       |

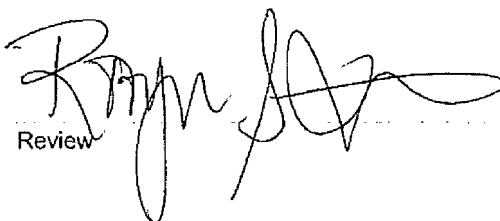
| Spike Conc. (mg/Kg)     | Sample | Spike Added | Spike Result | % Recovery | Accept. Range |
|-------------------------|--------|-------------|--------------|------------|---------------|
| Gasoline Range C5 - C10 | ND     | 250         | 255          | 102%       | 75 - 125%     |
| Diesel Range C10 - C28  | ND     | 250         | 252          | 101%       | 75 - 125%     |

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 55141, 55143-55145 and 55156

  
Analyst

  
Review

# CHAIN OF CUSTODY RECORD

09959

| Client: <i>Itallado Petroleum</i>   |               | Project Name / Location: <i>Horton #11</i> |              | ANALYSIS / PARAMETERS                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|-------------------------------------|---------------|--------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------|--|--|--|--|--|--|--|--|-------------------------------------|-------------------------------------|
| Client Address:                     |               | Sampler Name: <i>F. Mc Donald</i>          |              | TPH (Method 8015) <input checked="" type="checkbox"/> BTEX (Method 8021) <input type="checkbox"/> VOC (Method 8260) <input type="checkbox"/> RCRA 8 Metals <input type="checkbox"/> Cation / Anion <input type="checkbox"/> RCI <input type="checkbox"/> TCLP with H/P <input type="checkbox"/> PAH <input type="checkbox"/> TPH (418.1) <input type="checkbox"/> CHLORIDE <input type="checkbox"/> |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
| Client Phone No.: <i>10067-0001</i> |               | Client No.: <i>10067-0001</i>              |              |                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
| Sample No./ Identification          | Sample Date   | Sample Time                                | Lab No.      | Sample Matrix                                                                                                                                                                                                                                                                                                                                                                                       | No./Volume of Containers | Preservative Hg <sub>2</sub> , H <sub>2</sub> |  |  |  |  |  |  |  |  | Sample Cool                         | Sample Intact                       |
| <i>Spot Camp</i>                    | <i>7/4/10</i> | <i>11:30</i>                               | <i>55144</i> | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         | <i>1</i>                 |                                               |  |  |  |  |  |  |  |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Soil</i>                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |
|                                     |               |                                            |              | <i>Sludge Aqueous</i>                                                                                                                                                                                                                                                                                                                                                                               |                          |                                               |  |  |  |  |  |  |  |  |                                     |                                     |