

US EPA ARCHIVE DOCUMENT

## FIELD DATA SHEET

21134

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Chain of Custody No.: 01558  
REAC Task Leader: B. Forysthe  
EPA WAM: J. Camacho  
Work Assignment No.: 3428  
Date: 16 Feb 99 Site Name: Centredale Manor  
Time: 1521 Sample Location: CMS-101 MS/MSD  
Samplers: Brian Halderness, Pete Kudrauskas

| SITE DESCRIPTION |            |                   | SOIL TYPE |             | SURFACE WATER |           | STREAM   |                | BOTTOM |                   |
|------------------|------------|-------------------|-----------|-------------|---------------|-----------|----------|----------------|--------|-------------------|
| landfill         | old field  | upland palustrine | rock      | clay        | color         |           | width    |                | rock   | silt              |
| industrial       | wooded     | lowland riverine  | gravel    | muck        | odor          | <u>NA</u> | depth    | <u>NA</u>      | rubble | clay              |
| commercial       | farmland   | lacustrine        | sand      | <u>loam</u> | flow          |           | velocity | <u>NA</u> cm/s | gravel | <u>NA</u> organic |
| residential      | gully      |                   | silt      | peat        | direction     |           | pools    | %              | shell  | other             |
| meadows          | floodplain |                   | color     |             |               |           | riffles  | %              | sand   |                   |

| SAMPLE TYPE   |          | DEVICE        |       | SAMPLE INFORMATION |              | WEATHER PARAMETERS  |  |
|---------------|----------|---------------|-------|--------------------|--------------|---------------------|--|
| surface water | effluent | kemmerer      | ponar | color              | pH           | ambient temp        |  |
| groundwater   | sludge   | <u>trowel</u> | other | odor               | ORP          | barometric pressure |  |
| potable water | leachate | bucket        |       | temp               | salinity     | relative humidity   |  |
| sediment      | waste    | auger         |       | DO                 | sample depth | weather conditions  |  |
| soil          | other    | ekman         |       | cond               | tide stage   |                     |  |

## ANALYSES TO BE PERFORMED

## ORGANICS

- A. halogenated & aromatic volatiles  
 B. alkanes  
 C. alomethanes  
 D. pesticides/PCB  
 E. PCB  
 F. base neutral/acid extractables  
 G. pesticides, drinking water  
 H. herbicides, drinking water  
 I. other dioxin

## INORGANICS

- A. metals, priority pollutant  
 B. metals, TCLP  
 C. metals scan (TGP)  
 D. metals, other

## RCRA

- A. TCLP  
 B. ignitability  
 C. corrosivity NA pH  
 D. reactivity  
 E. other

## OTHER ANALYSES

- A. total cyanide  
 B. total phenol  
 C. petroleum hydrocarbons  
 D. pH  
 E. alkalinity  
 F. hardness  
 G. total dissolved solids  
 H. total suspended solids  
 I. sulfate  
 J. TOC  
 K. grain size  
 L. percent moisture  
 M. other

## CONTAINER

- glass jar  
plastic jar  
 acetate core  
 plastic bag  
 plastic bucket  
 other

## STORAGE

- wet ice  
 dry ice  
 ambient

## PRESERVATIVES

- HNO<sub>3</sub>  
 NaOH  
 Zn Acetate  
 HCl  
 Na<sub>2</sub>SO<sub>4</sub>  
 other 40C

## COMMENTS

MS/MSD

## FIELD DATA SHEET

21133

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Chain of Custody No.: 01558  
EPA Task Leader: B. Forsythe  
Date: 16 Feb 99 Site Name: Centredale Manor EPA WAM: J. Camacho  
Time: 1519 Sample Location: CMS-102 Work Assignment No.: 3428

## SITE DESCRIPTION

landfill old field upland palustrine  
industrial wooded lowland riverine  
commercial farmland lacustrine  
residential gully  
hedgerows floodplain

## SOIL TYPE

rock clay  
gravel muck  
sand loam  
silt peat  
color

## SURFACE WATER

color  
odor NA  
flow  
direction

## STREAM

width  
depth NA  
velocity NA cm/s  
pools %  
riffles %

## BOTTOM

rock silt  
rubble clay  
gravel NA organic  
shell other  
sand

## SAMPLE TYPE

surface water effluent  
groundwater sludge  
potable water leachate  
sediment waste  
soil other  
ekman

## DEVICE

kemmerer ponar  
trowel other  
bucket  
auger  
ekman

## SAMPLE INFORMATION

color  
odor NA  
temp NA  
DO  
cond

## WEATHER PARAMETERS

pH  
ORP NA  
salinity  
sample depth  
tide stage  
ambient temp  
barometric pressure  
relative humidity  
weather conditions

## ANALYSES TO BE PERFORMED

## ORGANICS

A. halogenated & aromatic volatiles  
B. volatiles  
C. trhalomethanes  
D. pesticides/PCB  
E. PCB  
F. base neutral/acid extractables  
G. pesticides drinking water  
H. herbicides drinking water  
I. other dicol

## OTHER ANALYSES

A. total cyanide  
B. total phenol  
C. petroleum hydrocarbons  
D. pH  
E. alkalinity  
F. hardness  
G. total dissolved solids  
H. total suspended solids  
I. sulfate  
J. TOC  
K. grain size  
L. percent moisture  
M. other

## CONTAINER

glass jar  
plastic jar  
acetate core  
plastic bag  
plastic bucket  
other

## PRESERVATIVES

HNO<sub>3</sub>  
NaOH  
Zn Acetate  
HCl  
Na<sub>2</sub>SO<sub>4</sub> 40C  
other

## INORGANICS

A. metals, priority pollutant  
B. metals, TAL  
C. metals, scan (ICP)  
D. metals, other

## STORAGE

wet ice  
dry ice  
ambient

## RCRA

A. TCLP  
B. ignitability  
C. corrosivity pH  
D. reactivity  
E. other

## COMMENTS

## FIELD DATA SHEET

21118

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Chain of Custody No.: 01558

Samplers: Brian Hobberness Pete Kudaranskas Reader: B. Forsythe

Date: 1/6 Feb 99 Site Name: Centredale Manor EPA WAM: J. Camacho

Time: 1549 Sample Location: CMS-103 and DUP Work Assignment No.: 3428

## SITE DESCRIPTION

landfill old field upland palustrine  
industrial wooded lowland riverine  
commercial farmland lacustrine  
residential gully  
hedgerows floodplain

## SOIL TYPE

rock clay  
gravel muck  
sand loam  
silt peat  
color

## SURFACE WATER

color  
odor  
flow N/A  
direction

## STREAM

width  
depth  
velocity N/A cm/s  
pools N/A %  
riffles %

## BOTTOM

rock silt  
rubble clay  
gravel N/A  
shell  
sand

## SAMPLE TYPE

surface water effluent  
groundwater sludge  
potable water leachate  
sediment waste  
soil other

## DEVICE

kemmerer ponar  
Howe other  
bucket  
auger  
ekman

## SAMPLE INFORMATION

color  
odor  
temp N/A  
DO  
cond

## WEATHER PARAMETERS

pH  
ORP  
salinity N/A  
sample depth  
tide stage  
ambient temp  
barometric pressure  
relative humidity  
weather conditions  
Clear, cool

## ANALYSES TO BE PERFORMED

## ORGANICS

- A. halogenated & aromatic volatiles  
volatiles  
trihalomethanes  
D. pesticides/PCB  
E. PCB  
F. base neutral/acid extractables  
G. pesticides, drinking water  
H. herbicides, drinking water  
I. other drinking

## INORGANICS

- A. metals, priority pollutant  
B. metals N/A  
C. metals scan (ICP)  
D. metals, other

## RCRA

- A. TCLP  
B. ignitability N/A  
C. corrosivity pH  
D. reactivity  
E. other

## OTHER ANALYSES

- A. total cyanide  
B. total phenol  
C. petroleum hydrocarbons  
D. pH  
E. alkalinity N/A  
F. hardness  
G. total dissolved solids  
H. total suspended solids  
I. sulfate  
J. TOC  
K. grain size  
L. percent moisture  
M. other

## CONTAINER

- glass jar  
plastic jar  
acetate core  
plastic bag  
plastic bucket  
other

## STORAGE

- wet ice  
dry ice  
ambient

## PRESERVATIVES

- HNO<sub>3</sub>  
NaOH  
Zn Acetate  
HCl  
Na<sub>2</sub>SO<sub>4</sub> 400  
other

## COMMENTS

## FIELD DATA SHEET

21119

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Chain of Custody No.: 01558  
 Date: 16 Feb 99 Site Name: Centredale Manor REAC Task Leader: B. Forysthe  
 Time: 1546 Sample Location: CMS-104 EPA WAM: J. Camacho  
 Work Assignment No.: 3428

## SITE DESCRIPTION

landfill old field upland palustrine  
 industrial wooded lowland riverine  
 commercial farmland lacustrine  
 residential gully  
 meadows floodplain

## SOIL TYPE

rock clay  
 gravel muck  
 sand loam  
 silt peat  
 color

## SURFACE WATER

color  
 odor NA  
 flow  
 direction

## STREAM

width  
 depth NA  
 velocity NA cm/s  
 pools  
 riffles %

## BOTTOM

rock silt  
 rubble  
 gravel NA  
 shell organic  
 sand other

## SAMPLE TYPE

surface water effluent  
 groundwater sludge  
 potable water leachate  
 sediment waste  
 soil other

## DEVICE

kemmerer ponar  
trowel other  
 bucket  
 auger  
 ekman

## SAMPLE INFORMATION

color  
 odor NA  
 temp NA  
 DO  
 cond

pH  
 ORP NA  
 salinity NA  
 sample depth  
 tide stage

## WEATHER PARAMETERS

ambient temp  
 barometric pressure  
 relative humidity  
 weather conditions

## ANALYSES TO BE PERFORMED

## ORGANICS

- A. halogenated & aromatic volatiles  
 B. volatiles  
 C. trihalomethanes  
 D. pesticides/PCB  
 E. PCB  
 F. base neutral/acid extractables  
 G. pesticides, drinking water  
 H. herbicides, drinking water  
 I. other DIC VIN

## INORGANICS

- A. metals, priority pollutant  
 B. metals, TAH  
 C. metals/scan (ICP)  
 D. metals other

## RCRA

- A. TCLP NA  
 B. ignitability  
 C. corrosivity pH  
 D. reactivity  
 E. other

## OTHER ANALYSES

- A. total cyanide  
 B. total phenol  
 C. petroleum hydrocarbons  
 D. pH  
 E. alkalinity NA  
 F. hardness  
 G. total dissolved solids  
 H. total suspended solids  
 I. sulfate  
 J. TOC  
 K. grain size  
 L. percent moisture  
 M. other

## CONTAINER

glass jar  
 plastic jar  
 acetate core  
 plastic bag  
 plastic bucket  
 other

## STORAGE

wet ice  
 dry ice  
 ambient

## PRESERVATIVES

HNO<sub>3</sub>

NaOH

Zn Acetate

HCl

Na<sub>2</sub>SO<sub>4</sub>other 40C

## COMMENTS

## FIELD DATA SHEET

21158

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Chain of Custody No.: N/A  
REAC Task Leader: B. Forsythe  
EPA WAM: J. Camacho  
Work Assignment No.: 3428  
Date: 15 Feb 99 Site Name: Crestedale Marsh  
Time: N/A Sample Location: CMS-105  
Samplers: Hollerness Daly Gedyne

| SITE DESCRIPTION |            |                   | SOIL TYPE |       | SURFACE WATER |            | STREAM   |                 | BOTTOM |            |
|------------------|------------|-------------------|-----------|-------|---------------|------------|----------|-----------------|--------|------------|
| landfill         | old field  | upland palustrine | rock      | clay  | color         |            | width    |                 | rock   | silt       |
| industrial       | wooded     | lowland riverine  | gravel    | black | odor          | <u>N/A</u> | depth    | <u>N/A</u>      | rubble | <u>N/A</u> |
| commercial       | farmland   | lacustrine        | sand      | loam  | flow          | <u>N/A</u> | velocity | <u>N/A</u> cm/s | gravel | organic    |
| residential      | gully      |                   | silt      | peat  | direction     |            | pools    | %               | shell  | other      |
| hedgerows        | floodplain |                   | color     |       |               |            | riffles  | %               | sand   |            |

| SAMPLE TYPE   |          | DEVICE   |            | SAMPLE INFORMATION |            | WEATHER PARAMETERS  |  |
|---------------|----------|----------|------------|--------------------|------------|---------------------|--|
| surface water | effluent | kemmerer | posar      | color              | pH         | ambient temp        |  |
| groundwater   | sludge   | trowel   | other      | odor               | <u>N/A</u> | barometric pressure |  |
| potable water | leachate | bucket   | <u>N/A</u> | temp               | <u>N/A</u> | relative humidity   |  |
| sediment      | waste    | auger    |            | DO                 |            | weather conditions  |  |
| soil          | other    | ekman    |            | cond               |            | tide stage          |  |

## ANALYSES TO BE PERFORMED

## ORGANICS

- A. halogenated & aromatic volatiles  
B. volatiles  
C. alomethanes  
D. pesticides/PCB  
E. PCB  
F. base neutral/acid extractables  
G. pesticides, drinking water  
H. herbicides, drinking water  
I. other

## INORGANICS

- A. metals, priority pollutant  
B. metals, TAL  
C. metals scan (ICP)  
D. metals, other

## RCRA

- A. TCLP  
B. ignitability  
C. corrosivity pH  
D. reactivity  
E. other

## OTHER ANALYSES

- A. total cyanide  
B. total phenol  
C. petroleum hydrocarbons  
D. pH  
E. alkalinity  
F. hardness  
G. total dissolved solids  
H. total suspended solids  
I. sulfate  
J. TOC  
K. grain size  
L. percent moisture  
M. other

## SAMPLE PREPARATION

## CONTAINER

- glass jar  
plastic jar  
acetate core  
plastic bag  
plastic bucket  
other

NaOH

## PRESERVATIVES

HNO<sub>3</sub>

Zn Acetate

HCl

Na<sub>2</sub>SO<sub>4</sub>

other

## STORAGE

- wet ice  
dry ice  
ambient

## COMMENTS

Located in south building - not sampled

## FIELD DATA SHEET

21298

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Date: 16 Feb 99 Samplers: Halderson, Delany, Gedyne Chain of Custody No.: N/A  
Site Name: Centredale Manor REAC Task Leader: B. Forsythe  
Time: N/A Sample Location: CMS-176 EPA WAM: J. Camacho  
Work Assignment No.: 3/28

| SITE DESCRIPTION |            |                   | SOIL TYPE |      | SURFACE WATER |            | STREAM   |                 | BOTTOM |         |
|------------------|------------|-------------------|-----------|------|---------------|------------|----------|-----------------|--------|---------|
| landfill         | old field  | upland palustrine | rock      | clay | color         |            | width    |                 | rock   | silt    |
| industrial       | wooded     | lowland riverine  | gravel    | clay | odor          | <u>N/A</u> | depth    |                 | rubble | clay    |
| commercial       | farmland   | lacustrine        | sand      | loam | flow          | <u>N/A</u> | velocity | <u>N/A</u> cm/s | gravel | organic |
| residential      | gully      |                   | silt      | peat | direction     |            | pools    | %               | shell  | other   |
| hedgerows        | floodplain |                   | color     |      |               |            | riffles  | %               | sand   |         |

| SAMPLE TYPE   |          | DEVICE   |       | SAMPLE INFORMATION |              | WEATHER PARAMETERS  |            |
|---------------|----------|----------|-------|--------------------|--------------|---------------------|------------|
| surface water | effluent | kemmerer | ponar | color              | pH           | ambient temp        |            |
| groundwater   | sludge   | trowel   | other | odor               | ORP          | barometric pressure | <u>N/A</u> |
| potable water | leachate | bucket   |       | temp               | salinity     | relative humidity   |            |
| sediment      | waste    | auger    |       | DO                 | sample depth | weather conditions  |            |
| soil          | other    | ekman    |       | cond               | tide stage   |                     |            |

## ANALYSES TO BE PERFORMED

## ORGANICS

- A. halogenated & aromatic volatiles  
B. volatiles  
C. trihalomethanes  
D. pesticides/PCB  
E. PCB  
F. base neutral/acid extractables  
G. pesticides, drinking water  
H. herbicides, drinking water  
I. other \_\_\_\_\_

## INORGANICS

- A. metals, priority pollutant  
B. metals, TAL  
C. metals scan (ICP)  
D. metals, other \_\_\_\_\_

## RCRA

- A. TCLP  
B. ignitability  
C. corrosivity \_\_\_\_\_ pH \_\_\_\_\_  
D. reactivity  
E. other \_\_\_\_\_

## OTHER ANALYSES

- A. total cyanide  
B. total phenol  
C. petroleum hydrocarbons  
D. pH  
E. alkalinity  
F. hardness  
G. total dissolved solids  
H. total suspended solids  
I. sulfate  
J. TOC  
K. grain size  
L. percent moisture  
M. other \_\_\_\_\_

## SAMPLE PREPARATION

## CONTAINER

- glass jar  
plastic jar  
acetate core  
plastic bag  
plastic bucket  
other \_\_\_\_\_

## STORAGE

- wet ice  
dry ice  
ambient

## PRESERVATIVES

HNO<sub>3</sub>

NaOH

Zn Acetate

HCl

Na<sub>2</sub>SO<sub>4</sub>

other \_\_\_\_\_

## COMMENTS

Located on road behind south building  
— not sampled

## FIELD DATA SHEET

21151

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Chain of Custody No.: 01567  
REAC Task Leader: B. Forsythe  
EPA WAM: J. Camacho  
Work Assignment No.: 3428  
Date: 17 Feb 99 Site Name: Centerville Manor  
Time: 1629 Sample Location: CMS-107  
Samplers: Holderness, Kadavavskas

| SITE DESCRIPTION |            | SOIL TYPE | SURFACE WATER | STREAM   | BOTTOM |
|------------------|------------|-----------|---------------|----------|--------|
| landfill         | old field  | rock      | color         | width    | rock   |
| industrial       | wooded     | clay      | odor          | depth    | silt   |
| commercial       | farmland   | gravel    | flow          | velocity | rubble |
| residential      | gully      | sand      | direction     | cm/s     | gravel |
| hedgerows        | floodplain | silt      |               | %        | shell  |
|                  |            | peat      |               | %        | other  |
|                  |            | color     |               |          | sand   |

| SAMPLE TYPE   | DEVICE   | SAMPLE INFORMATION | WEATHER PARAMETERS  |
|---------------|----------|--------------------|---------------------|
| surface water | effluent | color              | ambient temp        |
| groundwater   | sludge   | odor               | barometric pressure |
| potable water | leachate | temp               | relative humidity   |
| sediment      | waste    | DO                 | weather conditions  |
| soil          | other    | cond               | tide stage          |

## ANALYSES TO BE PERFORMED

## ORGANICS

- A. halogenated & aromatic volatiles  
B. volatiles  
C. halomethanes  
D. pesticides/PCB  
E. PCB  
F. base neutral/acid extractables  
G. pesticides drinking water  
H. herbicides drinking water  
I. other DICKIN

## INORGANICS

- A. metals priority pollutant  
B. metals NA  
C. metals scan (ICP)  
D. metals other

## OTHER ANALYSES

- A. total cyanide  
B. total phenol  
C. petroleum hydrocarbons  
D. pH NA  
E. alkalinity  
F. hardness  
G. total dissolved solids  
H. total suspended solids  
I. sulfate  
J. TOC  
K. grain size  
L. percent moisture  
M. other

## SAMPLE PREPARATION

## CONTAINER

- glass jar  
plastic jar  
acetate core  
plastic bag  
plastic bucket  
other

## STORAGE

- wet ice  
dry ice  
ambient

## PRESERVATIVES

HNO<sub>3</sub>

NaOH

Zn Acetate

HCl

Na<sub>2</sub>SO<sub>4</sub>other 4°C

## COMMENTS

## FIELD DATA SHEET

21223

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Chain of Custody No.: 01566  
 REAC Task Leader: B Forsythe  
 EPA WAM: J Camacho  
 Work Assignment No.: 3428  
 Date: 17 Feb 99 Site Name: Centredale Manor  
 Time: 1508 Sample Location: CMS-108  
 Samplers: Pete Kudravskas Brian Holderness

## SITE DESCRIPTION

landfill old field upland palustrine  
 industrial wooded lowland riverine  
 commercial farmland lacustrine  
residential gully  
 hedgerows floodplain

## SOIL TYPE

rock clay  
 gravel muck  
 sand loam  
 silt peat  
 color

## SURFACE WATER

color  
 odor NA  
 flow NA  
 direction

## STREAM

width  
 depth NA  
 velocity NA cm/s  
 pools %  
 riffles %

## BOTTOM

rock silt  
 rubble clay  
NA gravel organic  
 shell other  
 sand

## SAMPLE TYPE

surface water effluent  
 groundwater sludge  
 potable water leachate  
 sediment waste  
soil other

## DEVICE

kemmerer ponar  
trowel other  
 bucket  
 auger  
 ekman

## SAMPLE INFORMATION

color  
 odor  
 temp NA  
 DO  
 cond

## WEATHER PARAMETERS

pH  
 ORP NA  
 salinity  
 sample depth  
 tide stage  
 ambient temp  
 barometric pressure  
 relative humidity  
 weather conditions cloudy

## ANALYSES TO BE PERFORMED

## ORGANICS

A. halogenated & aromatic volatiles  
 B. volatiles  
 C. trihalomethanes  
 D. pesticides/PCB  
 E. PCB  
 F. base neutral/acid extractables  
 G. pesticides, drinking water  
 H. herbicides, drinking water  
 I. other dioxin

## INORGANICS

A. metals, priority pollutant  
 B. metals NA  
 C. metals scan (ICP)  
 D. metals, other

## OTHER ANALYSES

A. total cyanide  
 B. total phenol  
 C. petroleum hydrocarbons  
 D. pH  
 E. alkalinity NA  
 F. hardness NA  
 G. total dissolved solids  
 H. total suspended solids  
 I. sulfate  
 J. TOC  
 K. grain size  
 L. percent moisture  
 M. other

## CONTAINER

glass jar  
 plastic jar  
 acetate core  
 plastic bag  
 plastic bucket  
 other

## PRESERVATIVES

HNO<sub>3</sub>  
 NaOH  
 Zn Acetate  
 HCl  
 Na<sub>2</sub>SO<sub>4</sub>  
 other 40C

## STORAGE

wet ice  
 dry ice  
 ambient

## RCRA

A. TCLP  
 B. ignitability NA  
 C. corrosivity NA pH  
 D. reactivity  
 E. other

## COMMENTS

## FIELD DATA SHEET

21136

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Chain of Custody No.: 01558  
 Date: 16 Feb 99 Site Name: Centredale Manor EPA WAM: J Camacho  
 Time: 1529 Sample Location: CMS-109 Work Assignment No.: 3428  
 Samplers: Brian Holderness, Pete Kudrauskas REAC Task Leader: B Forysthe

| SITE DESCRIPTION |            |                   | SOIL TYPE |      | SURFACE WATER |           | STREAM   |                | BOTTOM |         |
|------------------|------------|-------------------|-----------|------|---------------|-----------|----------|----------------|--------|---------|
| landfill         | old field  | upland palustrine | rock      | clay | color         |           | width    |                | rock   | silt    |
| industrial       | wooded     | lowland riverine  | gravel    | muck | odor          |           | depth    |                | rubble | clay    |
| commercial       | farmland   | lacustrine        | sand      | loam | flow          | <u>NA</u> | velocity | <u>NA</u> cm/s | gravel | organic |
| residential      | gully      |                   | silt      | peat | direction     |           | pools    | %              | shell  | other   |
| wetlands         | floodplain |                   | color     |      |               |           | riffles  | %              | sand   |         |

| SAMPLE TYPE   |          | DEVICE      |       | SAMPLE INFORMATION |           | WEATHER PARAMETERS |                     |
|---------------|----------|-------------|-------|--------------------|-----------|--------------------|---------------------|
| surface water | effluent | kemmerer    | ponar | color              |           | pH                 | ambient temp        |
| groundwater   | sludge   | <u>Howe</u> | other | odor               | <u>NA</u> | ORP                | barometric pressure |
| potable water | leachate | bucket      |       | temp               | <u>NA</u> | salinity           | relative humidity   |
| sediment      | waste    | auger       |       | DO                 |           | sample depth       | weather conditions  |
| soil          | other    | ekman       |       | cond               |           | tide stage         | <u>Clear, cool</u>  |

## ANALYSES TO BE PERFORMED

## ORGANICS

- A. halogenated & aromatic volatiles  
 F. volatiles  
 C. halomethanes  
 D. pesticides/PCB  
 E. PCB  
 F. base neutral/acid extractables  
 G. pesticides, drinking water  
 H. herbicides, drinking water  
 I. other dioxin

## INORGANICS

- A. metals, priority pollutant  
 B. metals, TAL  
 C. metals scan (ICP)  
 D. metals, other NA

## RCRA

- A. TCLP  
 B. ignitability  
 C. corrosivity NA pH  
 D. reactivity  
 E. other

## OTHER ANALYSES

- A. total cyanide  
 B. total phenol  
 C. petroleum hydrocarbons  
 D. pH NA  
 E. alkalinity  
 F. hardness  
 G. total dissolved solids  
 H. total suspended solids  
 I. sulfate  
 J. TOC  
 K. grain size  
 L. percent moisture  
 M. other

## CONTAINER

- glass jar  
 plastic jar  
 acetate core  
 plastic bag  
 plastic bucket  
 other

## STORAGE

- wet ice  
 dry ice  
 ambient

## PRESERVATIVES

- HNO<sub>3</sub>  
 NaOH  
 Zn Acetate  
 HCl  
 Na<sub>2</sub>SO<sub>4</sub>  
 other 40C

## COMMENTS

## FIELD DATA SHEET

21135

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Chain of Custody No.: 01558  
 Date: 16 Feb 99 Site Name: Centrale Manor Task Leader: B Forsthe  
 Time: 1526 Sample Location: CMS-110 EPA WAM: J Camacho  
 Work Assignment No.: 3428

| SITE DESCRIPTION |            |                   | SOIL TYPE   |      | SURFACE WATER |           | STREAM   |           | BOTTOM |           |
|------------------|------------|-------------------|-------------|------|---------------|-----------|----------|-----------|--------|-----------|
| landfill         | old field  | upland palustrine | rock        | clay | color         |           | width    |           | rock   | silt      |
| industrial       | wooded     | lowland riverine  | gravel      | muck | odor          |           | depth    |           | rubble | clay      |
| commercial       | farmland   | lacustrine        | <u>sand</u> | loam | flow          | <u>NA</u> | velocity | <u>NA</u> | gravel | <u>NA</u> |
| residential      | gully      |                   | silt        | peat | direction     |           | pools    | %         | shell  | other     |
| hedgerows        | floodplain |                   | color       |      |               |           | riffles  | %         | sand   |           |

| SAMPLE TYPE   |          | DEVICE        |       | SAMPLE INFORMATION |           | WEATHER PARAMETERS |                    |
|---------------|----------|---------------|-------|--------------------|-----------|--------------------|--------------------|
| surface water | effluent | kemmerer      | ponar | color              |           | pH                 |                    |
| groundwater   | sludge   | <u>trowel</u> | other | odor               |           | ORP                |                    |
| potable water | leachate | bucket        |       | temp               | <u>NA</u> | salinity           | <u>NA</u>          |
| sediment      | waste    | auger         |       | DO                 |           | sample depth       |                    |
| soil          | other    | ekman         |       | cond               |           | tide stage         |                    |
|               |          |               |       |                    |           | weather conditions | <u>Clear, cool</u> |

## ANALYSES TO BE PERFORMED

## ORGANICS

- A. halogenated & aromatic volatiles  
 B. volatiles  
 C. trihalomethanes  
 D. pesticides/PCB  
 E. PCB  
 F. base neutral/acid extractables  
 G. pesticides, drinking water  
 H. herbicides, drinking water  
 I. other dicain

## INORGANICS

- A. metals, priority pollutant  
 B. metals, NA  
 C. metals scan (ICP)  
 D. metals, other

## RCRA

- A. TCLP  
 B. ignitability  
 C. corrosivity NA pH  
 D. reactivity  
 E. other

## OTHER ANALYSES

- A. total cyanide  
 B. total phenol  
 C. petroleum hydrocarbons  
 D. pH  
 E. alkalinity  
 F. hardness  
 G. total dissolved solids  
 H. total suspended solids  
 I. sulfate  
 J. TOC  
 K. grain size  
 L. percent moisture  
 M. other

## SAMPLE PREPARATION

## CONTAINER

- glass jar  
 plastic jar  
 acetate core  
 plastic bag  
 plastic bucket  
 other

## STORAGE

- wet ice  
 dry ice  
 ambient

## PRESERVATIVES

HNO<sub>3</sub>

NaOH

Zn Acetate

HCl

Na<sub>2</sub>SO<sub>4</sub>other ARC

## COMMENTS

## FIELD DATA SHEET

21137

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Chain of Custody No.: 01558  
 Date: 16 Feb 99 Site Name: Centredale Manor Task Leader: B. Forystre  
 Time: 1539 Sample Location: CMS-111 EPA WAM: J. Camacho  
 Work Assignment No.: 3428

## SITE DESCRIPTION

landfill old field upland palustrine  
 industrial wooded lowland riverine  
 commercial farmland lacustrine  
 residential gully  
 hedgerows floodplain

## SOIL TYPE

rock clay  
 gravel muck  
 sand loam  
 silt peat  
 color

## SURFACE WATER

color  
 odor NA  
 flow  
 direction

## STREAM

width  
 depth NA  
 velocity cm/s  
 pools %  
 riffles %

## BOTTOM

rock silt  
 rubble NA  
 gravel organic  
 shell other  
 sand

## SAMPLE TYPE

surface water effluent  
 groundwater sludge  
 potable water leachate  
 sediment waste  
 soil other

## DEVICE

kemmerer ponar  
trowel other  
 bucket  
 auger  
 ekman

## SAMPLE INFORMATION

color  
 odor  
 temp NA  
 DO  
 cond

## WEATHER PARAMETERS

pH  
 ORP  
 salinity NA  
 sample depth  
 tide stage  
 ambient temp  
 barometric pressure  
 relative humidity  
 weather conditions

## ANALYSES TO BE PERFORMED

## ORGANICS

- A. halogenated & aromatic volatiles  
 volatiles  
 halomethanes  
 D. pesticides/PCB  
 E. PCB  
 F. base neutral/acid extractables  
 G. pesticides, drinking water  
 H. herbicides, drinking water  
 other dioxin

## INORGANICS

- A. metals, priority pollutant  
 B. metals, TSP  
 C. metals (scan MCP)  
 D. metals, other

## RCRA

- A. TCLP  
 B. ignitability NA  
 C. corrosivity NA pH  
 D. reactivity  
 E. other

## OTHER ANALYSES

- A. total cyanide  
 B. total phenol  
 C. petroleum hydrocarbons  
 D. pH  
 E. alkalinity  
 F. hardness  
 G. total dissolved solids  
 H. total suspended solids  
 I. sulfate  
 J. TOC  
 K. grain size  
 L. percent moisture  
 M. other

## CONTAINER

- glass jar  
 plastic jar  
 acetate core  
 plastic bag  
 plastic bucket  
 other

## STORAGE

- wet ice  
 dry ice  
 ambient

## PRESERVATIVES

HNO<sub>3</sub>

NaOH

Zn Acetate

HCl

Na<sub>2</sub>SO<sub>4</sub>other 4°C

## COMMENTS

## FIELD DATA SHEET

21138

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Chain of Custody No.: 01558  
Date: 16 Feb 99 Site Name: Centredale Manor EPA WAM: J Camacho  
Time: 1542 Sample Location: CMS-112 Work Assignment No.: 3428  
Samplers: Brian Hoberness, Pete Kudachinski Field Leader: B Forcsthe

## SITE DESCRIPTION

landfill old field upland palustrine  
industrial wooded lowland riverine  
commercial farmland lacustrine  
residential gully  
hedgerows floodplain

## SOIL TYPE

rock clay  
gravel muck  
sand loam  
silt peat  
color

## SURFACE WATER

color  
odor  
flow N/A  
direction

## STREAM

width  
depth  
velocity N/A  
pools %  
riffles %

## BOTTOM

rock silt  
rubble clay  
gravel N/A  
shell other  
sand

## SAMPLE TYPE

surface water effluent  
groundwater sludge  
potable water leachate  
sediment waste  
soil other

## DEVICE

kemmerer ponar  
trowel other  
bucket  
auger  
ekman

## SAMPLE INFORMATION

color  
odor  
temp N/A  
DO  
cond

## WEATHER PARAMETERS

ambient temp  
barometric pressure  
relative humidity  
weather conditions  
Clear, cool

## ANALYSES TO BE PERFORMED

## ORGANICS

A. halogenated & aromatic volatiles  
B. volatiles  
C. trihalomethanes  
D. pesticides/PCB  
E. PCB  
F. base neutral/acid extractables  
G. pesticides, drinking water  
H. herbicides, drinking water  
I. other Dioxin

## INORGANICS

A. metals, priority pollutant  
B. metals, TAL  
C. metals scan (ICP)  
D. metals, other

## OTHER ANALYSES

A. total cyanide  
B. total phenol  
C. petroleum hydrocarbons  
D. pH  
E. alkalinity  
F. hardness  
G. total dissolved solids  
H. total suspended solids  
I. sulfate  
J. TOC  
K. grain size  
L. percent moisture  
M. other

## CONTAINER

glass jar  
plastic jar  
acetate core  
plastic bag  
plastic bucket  
other

## STORAGE

wet ice  
dry ice  
ambient

## PRESERVATIVES

HNO<sub>3</sub>  
NaOH  
Zn Acetate  
HCl  
Na<sub>2</sub>SO<sub>4</sub>  
other 40C

## RCRA

A. TCLP  
B. ignitability  
C. corrosivity N/A pH  
D. reactivity  
E. other

## COMMENTS

## FIELD DATA SHEET

21295

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Date: 16 Feb 99 Samplers: Holderness, Daly, Gredyne Chain of Custody No.: N/A  
Site Name: Centadale Manor REAC Task Leader: B. Forsythe  
Time: N/A Sample Location: CMS-113 EPA WAM: T. Carrachio  
Work Assignment No.: 31/28

## SITE DESCRIPTION

landfill old field upland palustrine  
industrial wooded lowland riverine  
commercial farmland lacustrine  
residential gully  
hedgerows floodplain

## SOIL TYPE

rock clay  
gravel mud  
N/A sand loam  
silt peat  
color

## SURFACE WATER

color  
odor  
flow  
N/A  
direction

## STREAM

width  
depth  
velocity  
pools  
riffles

## BOTTOM

rock silt  
rubble clay  
gravel organic  
shell other  
sand

## SAMPLE TYPE

surface water effluent  
groundwater sludge  
potable water leachate  
sediment waste  
soil other

## DEVICE

kemmerer ponar  
trowel other  
bucket  
auger  
ekman

## SAMPLE INFORMATION

color  
odor  
temp  
DO  
cond

## WEATHER PARAMETERS

pH  
ORP  
salinity  
sample depth  
tide stage  
ambient temp  
barometric pressure  
relative humidity  
weather conditions

## ANALYSES TO BE PERFORMED

## ORGANICS

A. halogenated & aromatic volatiles  
volatiles  
halomethanes  
D. pesticides/PCB  
E. PCB  
F. base neutral/acid extractables  
G. pesticides, drinking water  
H. herbicides, drinking water  
I. other

## INORGANICS

A. metals, priority pollutant  
B. metals, TAL  
C. metals scan (ICP)  
D. metals, other

## RCRA

A. TCLP  
B. ignitability  
C. corrosivity pH  
D. reactivity  
E. other

## OTHER ANALYSES

A. total cyanide  
B. total phenol  
C. petroleum hydrocarbons  
D. pH  
E. alkalinity  
F. hardness  
G. total dissolved solids  
H. total suspended solids  
I. sulfate  
J. TOC  
K. grain size  
L. percent moisture  
M. other

## SAMPLE PREPARATION

## CONTAINER

glass jar  
plastic jar  
acetate core  
plastic bag  
plastic bucket  
other

## PRESERVATIVES

HNO<sub>3</sub>  
NaOH  
Zn Acetate  
HCl  
Na<sub>2</sub>SO<sub>4</sub>  
other

## STORAGE

wet ice  
dry ice  
ambient

## COMMENTS

Located on road behind south building - not sampled

## FIELD DATA SHEET

21222

REAC, EDISON, NJ  
(908) 321-4200  
EPA CONTRACT 68-C4-0022

Chain of Custody No.: 01566  
 Date: 17 Feb 99 Samplers: Dale Kudrauskas, Brian Thomas REAC Task Leader: B. Forsythe  
 Site Name: Centredale Major EPA WAM: J. Camacho  
 Time: 1456 Sample Location: CMS-114 and DUP Work Assignment No.: 3428

| SITE DESCRIPTION   |            |                   | SOIL TYPE |             | SURFACE WATER |            | STREAM   |                 | BOTTOM |         |
|--------------------|------------|-------------------|-----------|-------------|---------------|------------|----------|-----------------|--------|---------|
| landfill           | old field  | upland palustrine | rock      | clay        | color         |            | width    |                 | rock   | silt    |
| industrial         | wooded     | lowland riverine  | gravel    | muck        | odor          | <u>N/A</u> | depth    | <u>N/A</u>      | rubble | clay    |
| commercial         | farmland   | lacustrine        | sand      | <u>loam</u> | flow          |            | velocity | <u>N/A</u> cm/s | gravel | organic |
| <u>residential</u> | gully      |                   | silt      | peat        | direction     |            | pools    | %               | shell  | other   |
| hedgerows          | floodplain |                   | color     |             |               |            | riffles  | %               | sand   |         |

| SAMPLE TYPE   |          | DEVICE        |       | SAMPLE INFORMATION |            | WEATHER PARAMETERS |                     |
|---------------|----------|---------------|-------|--------------------|------------|--------------------|---------------------|
| surface water | effluent | kemmerer      | ponar | color              |            | pH                 | ambient temp        |
| groundwater   | sludge   | <u>trowel</u> | other | odor               | <u>N/A</u> | ORP                | barometric pressure |
| potable water | leachate | bucket        |       | temp               | <u>N/A</u> | salinity           | relative humidity   |
| sediment      | waste    | auger         |       | DO                 |            | sample depth       | weather conditions  |
| <u>soil</u>   | other    | ekman         |       | cond               |            | tide stage         | <u>cloudy</u>       |

## ANALYSES TO BE PERFORMED

## ORGANICS

- A. halogenated & aromatic volatiles  
 B. volatiles  
 C. trihalomethanes  
 D. pesticides/PCB  
 E. PCB  
 F. base neutral/acid extractables  
 G. pesticides, drinking water  
 H. herbicides, drinking water  
 I. other dioxin

## INORGANICS

- A. metals, priority pollutant  
 B. metals, TCL  
 C. metals screen (TCLP)  
 D. metals, other

## RCRA

- A. TCLP  
 B. ignitability  
 C. corrosivity N/A pH  
 D. reactivity  
 E. other

## OTHER ANALYSES

- A. total cyanide  
 B. total phenol  
 C. petroleum hydrocarbons  
 D. pH  
 E. alkalinity  
 F. hardness  
 G. total dissolved solids  
 H. total suspended solids  
 I. sulfate  
 J. TOC  
 K. grain size  
 L. percent moisture  
 M. other

## CONTAINER

- glass jar  
 plastic jar  
 acetate core  
 plastic bag  
 plastic bucket  
 other

## STORAGE

- wet ice  
 dry ice  
 ambient

## PRESERVATIVES

- HNO<sub>3</sub>  
 NaOH  
 Zn Acetate  
 HCl  
 Na<sub>2</sub>SO<sub>4</sub>  
 other 40C

## COMMENTS

Duplicate sample taken