Click Here to View Previous Section

21221

# FIELD DATA SHEET

**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

Samplers: Pete Kudrewskos, Brian Holderness
Date: 17 Feb 99 Site Name: Centredale Manor
Time: 1513 Sample Location: CMS-115

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

**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, groundwater, potable water, sediment, soil, effluent, sludge, leachate, waste, other _____

**DEVICE**
kemmerer, ponar, trowel, other _____, bucket, auger, ekman

**SAMPLE INFORMATION**
color _____, pH _____
odor _____, ORP _____
temp NA, salinity NA
DO _____, sample depth _____
cond _____, tide stage _____

**WEATHER PARAMETERS**
ambient temp _____
barometric pressure _____
relative humidity _____
weather conditions cloudy

**ANALYSES TO BE PERFORMED**

ORGANICS
A. halogenated & aromatic volatiles
B. volatiles
halomethanes
C. 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 NA
C. metals, scan (ICP)
D. metals, other _____

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

OTHER ANALYSES
A. total cyanide
B. total phenol
C. petroleum hydrocarbons
D. pH
E. alkalinity
F. hardness NA
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
$HNO_3$, NaOH, Zn Acetate, HCl, $Na_2SO_4$, other 4°C

STORAGE
wet ice, dry ice, ambient

COMMENTS

CM #1

21226

# FIELD DATA SHEET

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

Chain of Custody No.: 01566
Samplers: Pete Kudarauskas, Brian Holderness
REAC Task Leader: B Forsythe
Date: 17 Feb 99
Site Name: Centredale Manor
EPA WAM: J Camacho
Time: 1510
Sample Location: CMS-116
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 N/A | depth N/A | rubble N/A | ~~clay~~ |
| commercial | farmland | lacustrine | sand | loam | flow ____ | velocity ____ 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 N/A | ORP N/A | barometric pressure ____ |
| potable water | leachate | bucket | | temp ____ | salinity ____ | relative humidity ____ |
| sediment | waste | auger | | DO ____ | sample depth ____ | weather conditions ____ |
| soil | other ____ | ekman | | cond ____ | tide stage ____ | 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, TAL
C. metals scan ~~(ICP)~~ N/A
D. metals, other ____

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

OTHER ANALYSES
A. total cynanide
B. total phenol
C. petroleum hydrocarbons
D. pH
E. alkalinity
F. hardness N/A
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
$HNO_3$
NaOH
Zn Acetate
HCl
$Na_2SO_4$
other 4°C

COMMENTS

FORM #1

21046

# FIELD DATA SHEET

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

Chain of Custody No.: 01553
REAC Task Leader: Barry Forsythe
EPA WAM: JoAnn Camacho
Work Assignment No.: 03347-143-001-3428

Samplers: Dan Crane, Rich Fisher, Amanda Daly
Date: 2/16/99 Site Name: Centedale Manor
Time: 14:00 Sample Location: CMS-117

| 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 NA | depth NA | rubble | clay |
| commercial | farmland | lacustrine | (sand) | loam | flow ____ | velocity ____ cm/s | gravel NA | organic |
| (residential) | gully | | silt | peat | direction ____ | pools ____ % | shell | other ____ |
| hedgerows | floodplain | | color tan | | | riffles ____ % | sand | |

| SAMPLE TYPE | | DEVICE | | SAMPLE INFORMATION | | WEATHER PARAMETERS |
|---|---|---|---|---|---|---|
| surface water | effluent | kemmerer | ponar | color ____ | pH ____ | ambient temp 50°C |
| groundwater | sludge | (trowel) | other ____ | odor ____ | ORP ____ | barometric pressure NA |
| potable water | leachate | bucket | | temp NA | salinity NA | relative humidity NA |
| sediment | waste | auger | | DO ____ | sample depth ____ | weather conditions sunny |
| (soil) | other ____ | ekman | | cond ____ | tide stage ____ | |

ANALYSES TO BE PERFORMED

ORGANICS
A. halogenated & aromatic volatiles
B. volatiles
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 ____

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

OTHER ANALYSES
A. total cynanide
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 | PRESERVATIVES |
|---|---|
| glass jar | HNO, |
| plastic jar | NaOH |
| acetate core | Zn Acetate |
| plastic bag | HCl |
| plastic bucket | ~~Na,SO,~~ |
| other ____ | (other 4°C) |

STORAGE
(wet ice)
dry ice
ambient

COMMENTS Sample under water.

RM = 1

21048

# FIELD DATA SHEET

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

Chain of Custody No.: 01553
REAC Task Leader: Barry Forsythe
EPA WAM: JoAnn Camacho
Work Assignment No.: 03347-143-001-3128

Samplers: Dan Granz, Rich Fisher, Amanda Daly
Date: 2/16/99 Site Name: Centredale Manor
Time: 1412 Sample Location: CMS-118

| 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 NA | velocity NA cfs | gravel NA | organic |
| (residential) | gully | | silt | peat | direction ____ | pools ____ % | shell | other ____ |
| hedgerows | floodplain | | color dark brown | | | riffles ____ % | sand | |

| SAMPLE TYPE | | DEVICE | | SAMPLE INFORMATION | | WEATHER PARAMETERS |
|---|---|---|---|---|---|---|
| surface water | effluent | kemmerer | ponar | color ____ | pH ____ | ambient temp 50°C |
| groundwater | sludge | (trowel) | other ____ | odor ____ | ORP ____ | barometric pressure ____ |
| potable water | leachate | bucket | | temp NA | salinity NA | relative humidity ____ |
| sediment | waste | auger | | DO ____ | sample depth ____ | weather conditions Sunny |
| (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 dioxin

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 cynanide
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 | PRESERVATIVES |
|---|---|
| (glass jar) | HNO, |
| plastic jar | NaOH |
| acetate core | Zn Acetate |
| plastic bag | HCl ____ |
| plastic bucket | ~~Na,SO,~~ |
| other ____ | (other 4°C) |

STORAGE
(wet ice)
dry ice
ambient

COMMENTS Turf was peeled back to collect sample

FORM #1

21201

# FIELD DATA SHEET

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

Samplers: Holdermess, Kidarauskas
Date: 17 Feb 99 Site Name: Centredale Manor
Time: 1240 Sample Location: CMS-119

Chain of Custody No.: 01565
REAC Task Leader: B. Forsythe
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 N/A, flow N/A, direction _____

**STREAM**
width _____, depth N/A, velocity N/A cm/s, pools _____%, riffles _____%

**BOTTOM**
rock, silt, rubble, clay, gravel, organic 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 _____, pH _____, odor N/A, ORP N/A, temp N/A, salinity N/A, DO _____, sample depth _____, cond _____, tide stage _____

**WEATHER PARAMETERS**
ambient temp _____, barometric pressure _____, relative humidity _____, weather conditions Cloudy, cool

**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 DOXIN

INORGANICS
A. metals, priority pollutant
B. metals, TAL 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 cynanide
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 _____

**SAMPLE PREPARATION**

CONTAINER
glass jar, plastic jar, acetate core, plastic bag, plastic bucket, other _____

PRESERVATIVES
$HNO_3$, NaOH, Zn Acetate, HCl, $Na_2SO_4$, other 4°C

STORAGE
wet ice, dry ice, ambient

COMMENTS

FORM = I

21296

# FIELD DATA SHEET

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

Date: 16 Feb 99
Time: N/A
Samplers: Holdsworth, Daly, Godyne
Site Name: Centredale Manor
Sample Location: CMS-120

Chain of Custody No.: N/A
REAC Task Leader: B. Forsythe
EPA WAM: J. Camacho
Work Assignment No.: 3128

**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 _____, 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 _____, pH _____, odor _____, ORP _____, temp _____, salinity _____, DO _____, sample depth _____, cond _____, 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 _____

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 cynanide
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
$HNO_3$, NaOH, Zn Acetate, HCl, $Na_2SO_4$, other _____

STORAGE
wet ice, dry ice, ambient

COMMENTS
Located on road behind south building - not sampled

FORM #1

21220

# FIELD DATA SHEET

**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~~ 3428

Samplers: Pete Kudorauskas Brian Holderness
Date: 17 Feb 99
Site Name: Centredale Manor
Time: 1504
Sample Location: CMS-121

**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, 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 NA, DO ____, cond ____, pH ____, ORP ____, salinity NA, sample depth ____, tide stage ____

**WEATHER PARAMETERS**
ambient temp ____, barometric pressure ____, relative humidity ____, weather conditions cloudy

**ANALYSES TO BE PERFORMED**

ORGANICS
A. halogenated & aromatic volatiles
B. volatiles
ihalomethanes
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) NA
D. metals, other ____

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

OTHER ANALYSES
A. total cynanide
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 ____

**SAMPLE PREPARATION**

CONTAINER
glass jar, plastic jar, acetate core, plastic bag, plastic bucket, other ____

STORAGE
wet ice, dry ice, ambient

PRESERVATIVES
HNO, NaOH, Zn Acetate, HCl, Na,SO, other 4°C

COMMENTS

RM = 1

21160

# FIELD DATA SHEET

**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. Carkadio
Work Assignment No.: 3128

Samplers: Haldeman, Daly, Gedyne
Date: 15 Feb 99 Site Name: Centredale Manor
Time: N/A Sample Location: CMS-122

| 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 ____ | velocity ____ cm/s | gravel | organic |
| residential | gully | | silt | peat | direction ____ | pools ____ % | shell | other ____ |
| hedgerows | floodplain | | color ____ | | | riffles ____ % | sand | |

NA

| SAMPLE TYPE | | DEVICE | | SAMPLE INFORMATION | | WEATHER PARAMETERS | |
|---|---|---|---|---|---|---|---|
| surface water | effluent | kemmerer | ponar | color ____ | pH ____ | ambient temp ____ | |
| groundwater | sludge | trowel | 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 ____ | ____ | |

NA

ANALYSES TO BE PERFORMED

NA

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 cynanide
- 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 | | PRESERVATIVES |
|---|---|---|
| glass jar | | $HNO_3$ |
| plastic jar | NaOH | |
| acetate core | | Zn Acetate |
| plastic bag | | HCl |
| plastic bucket | | $Na_2SO_4$ |
| other ____ | | other ____ |

STORAGE
- wet ice
- dry ice
- ambient

COMMENTS
Located in standing water - too deep to sample

FORM 1 = 1

21232

# FIELD DATA SHEET

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

Chain of Custody No.: 015616
REAC Task Leader: B. Forsythe
EPA WAM: J. Camacho
Work Assignment No.: 3422

Samplers: Holdorness, Kydarauskas
Date: 17 Feb 97 Site Name: Centredale Manor
Time: 1523 Sample Location: CMS-123

**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, 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 NA
temp NA
DO _____
cond _____
pH _____
ORP NA
salinity NA
sample depth _____
tide stage _____

**WEATHER PARAMETERS**
ambient temp _____
barometric pressure _____
relative humidity _____
weather conditions Cloudy, cold

**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 DIOXIN

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

**RCRA**
A. TCLP
B. ignitability
C. corrosivity NA pH ____
D. reactivity
E. other _____

**OTHER ANALYSES**
A. total cynanide
B. total phenol
C. petroleum hydrocarbons
D. pH
E. alkalinity
F. hardness NA
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**
$HNO_3$
NaOH
Zn Acetate
HCl
$Na_2SO_4$
other NA

**STORAGE**
wet ice, dry ice, ambient

**COMMENTS**

21047

# FIELD DATA SHEET

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

Chain of Custody No.: 01553
REAC Task Leader: Barry Forsythe
EPA WAM: JoAnn Camacho
Work Assignment No.: 03347-143-001-3428

Samplers: Dan Greene, Rick Fisher, Amanda Daly
Date: 2/16/99 Site Name: Centredale Manor
Time: 14:22 Sample Location: CMS-124

**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, clay, gravel NA, 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 _____, pH _____, odor _____, ORP _____, temp NA, salinity NA, DO _____, sample depth _____, cond _____, tide stage _____

**WEATHER PARAMETERS**
ambient temp 50°C, barometric pressure _____, relative humidity _____, weather conditions Sunny

**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 _____

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

OTHER ANALYSES
A. total cynanide
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
$HNO_3$, NaOH, Zn Acetate, HCl, $Na_2SO_4$, other 4°C

COMMENTS Roots,
Frozen down to 1½".

FORM = 1

21004

# FIELD DATA SHEET

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

Chain of Custody No.: 01552
REAC Task Leader: Barry Forsythe
EPA WAM: Jo Ann Camacho
Work Assignment No.: 03347-143-001-3428

Samplers: Dan Granz, Rich Fisher, Amanda Daly
Date: 2/16/99 Site Name: Centredale Manor
Time: 16:19 Sample Location: CMS-125

**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 medium brown

**SURFACE WATER**
color ____
odor NA
flow ____
direction ____

**STREAM**
width ____
depth NA
velocity ____ 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 ____

**DEVICE**
kemmerer, ponar
trowel, other ____
bucket
auger
ekman

**SAMPLE INFORMATION**
color ____, pH ____
odor NA, ORP ____
temp NA, salinity ____
DO ____, sample depth ____
cond ____, tide stage ____

**WEATHER PARAMETERS**
ambient temp 45°C
barometric pressure ____
relative humidity ____
weather conditions Sunny

**ANALYSES TO BE PERFORMED**

ORGANICS
A. halogenated & aromatic volatiles
B. volatiles
trihalomethanes
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 ____

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

OTHER ANALYSES
A. total cynanide
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
$HNO_3$
NaOH
Zn Acetate
HCl
~~$Na_2SO_4$~~
other 4°C

STORAGE
wet ice
dry ice
ambient

COMMENTS Peeled back turf to take sample.

FORM #1

21051

# FIELD DATA SHEET

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

Chain of Custody No.: 01552
REAC Task Leader: Barry Forsythe
EPA WAM: JoAnn Camacho
Work Assignment No.: ~~C3342~~-143-001-3428 C3347

Samplers: Dan Grant, Rich Fisher, Amanda Daly
Date: 2/16/99 Site Name: Centredale Manor
Time: 16:11 Sample Location: CMS-1216

| 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 NA | depth ____ | rubble | clay |
| commercial | farmland | lacustrine | sand | (loam) | flow ____ | velocity N/A m/s | gravel | organic |
| (residential) | gully | | silt | peat | direction ____ | pools ____ % | shell | other ____ |
| hedgerows | floodplain | | color medium brown | | | riffles ____ % | sand | |

| SAMPLE TYPE | | DEVICE | | SAMPLE INFORMATION | | WEATHER PARAMETERS |
|---|---|---|---|---|---|---|
| surface water | effluent | kemmerer | ponar | color ____ | pH ____ | ambient temp 45°C |
| groundwater | sludge | (trowel) | other ____ | odor ____ | ORP ____ | barometric pressure ____ |
| potable water | leachate | bucket | | temp NA | salinity NA | relative humidity ____ |
| sediment | waste | auger | | DO ____ | sample depth ____ | weather conditions Sunny |
| (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 dioxin

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 | PRESERVATIVES |
|---|---|
| (glass jar) | $HNO_3$ |
| plastic jar | NaOH |
| acetate core | Zn Acetate |
| plastic bag | HCl |
| plastic bucket | $Na_2SO_4$ |
| other ____ | (other 4°C) |

STORAGE
(wet ice)
dry ice
ambient

COMMENTS Peeled back turf to take sample

FORM = 1

21033

# FIELD DATA SHEET

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

Chain of Custody No.: 01552
REAC Task Leader: Barry Forsythe
EPA WAM: JoAnn Cambacho
Work Assignment No.: 03347-143-001-3428

Samplers: Don Grant, Rich Fisher, Amanda Daly
Date: 2/16/99 Site Name: Centredale Manor
Time: 16:11 Sample Location: CMS-12 (dup)

**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 medium brown

**SURFACE WATER**
color ____, odor NA, flow ____, direction ____

**STREAM**
width ____, depth NA, velocity ____ 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 ____

**DEVICE**
kemmerer, ponar, trowel, other ____, bucket, auger, ekman

**SAMPLE INFORMATION**
color ____, pH ____, odor ____, ORP ____, temp NA, salinity NA, DO ____, sample depth ____, cond ____, tide stage ____

**WEATHER PARAMETERS**
ambient temp 45°C, barometric pressure ____, relative humidity ____, weather conditions Sunny

**ANALYSES TO BE PERFORMED**

ORGANICS
A. halogenated & aromatic volatiles
B. volatiles
trihalomethanes
C. 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 ____

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

OTHER ANALYSES
A. total cynanide
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
$HNO_3$, NaOH, Zn Acetate, HCl, $Na_2SO_4$, other 4°C

COMMENTS Peeled back turf to take sample.

FORM = 1

21000

# FIELD DATA SHEET

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

Chain of Custody No.: 01552
REAC Task Leader: Barry Forsythe
EPA WAM: JoAnn Camacho
Work Assignment No.: 03347-143-001-3428

Samplers: Dan Granz, Rich Fisher, Amanda Daly
Date: 2/16/99 Site Name: Centredale Manor
Time: 16:25 Sample Location: CMS-127

**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 tan-brown

**SURFACE WATER**
color ____
odor ____
flow NA
direction ____

**STREAM**
width ____
depth NA
velocity ____ 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 ____

**DEVICE**
kemmerer, ponar
trowel, other ____
bucket
auger
ekman

**SAMPLE INFORMATION**
color ____, pH ____
odor ____, ORP ____
temp NA, salinity NA
DO ____, sample depth ____
cond ____, tide stage ____

**WEATHER PARAMETERS**
ambient temp 40°C
barometric pressure ____
relative humidity ____
weather conditions Sunny

**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 ____

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
$HNO_3$
NaOH
Zn Acetate
HCl
$Na_2SO_3$
other 4°C

COMMENTS Peeled back turf to take sample.

FORM = 1

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