

US EPA ARCHIVE DOCUMENT

FIELD DATA SHEET

21221

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

Date: 17 Feb 99 Site Name: Centre dale Manor Chain of Custody No.: 01566
Time: 1513 Sample Location: CMS-115 REAC Task Leader: B Forsythe
EPA WAM: J Camacho Work Assignment No.: 3428
Samplers: Pete Kudrauskas, Brian Holderness

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	<u>NA</u>	velocity	<u>NA</u>	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>Howell</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
<u>soil</u>	other	ekman		cond		tide stage	<u>cloudy</u>

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, state (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 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

- HNO₃
- NaOH
- Zn Acetate
- HCl
- Na₂SO₄ 4°C
- other

COMMENTS

FIELD DATA SHEET

21226

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

Chain of Custody No.: 01566
 Date: 17 Feb 99 Site Name: Centredale Manor REAC Task Leader: B Forsythe
 Time: 1510 Sample Location: CMS-116 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 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

WEATHER PARAMETERS

ambient temp
 barometric pressure
 relative humidity
 weather/conditions cloudy
 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, NA
 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

HNO₃

NaOH

Zn Acetate

HCl

Na₂SO₄other 40C

STORAGE

wet ice
 dry ice
 ambient

COMMENTS

FIELD DATA SHEET

21046

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

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

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

SURFACE WATER

color
odor N/A
flow
direction

STREAM

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

BOTTOM

rock silt
rubble clay
gravel N/A
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
temp N/A
DO
cond

pH
ORP
salinity N/A
sample depth
tide stage

WEATHER PARAMETERS

ambient temp 50°C
barometric pressure
relative humidity N/A
weather conditions sunny

ANALYSES TO BE PERFORMED

ORGANICS

- A. halogenated & aromatic volatiles
- B. volatiles
 - 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

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
HNO₃
NaOH
Zn Acetate
HCl
Na₂SO₄
other 4°C

STORAGE

wet ice
dry ice
ambient

COMMENTS

Sample under water.

FIELD DATA SHEET

21048

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-m1-3428
Date: 2/16/99 Site Name: Centredale Manor
Time: 1412 Sample Location: CMS-118
Samplers: Dan Granz, Rich Fisher, Amanda Daly

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

SAMPLE TYPE	DEVICE	SAMPLE INFORMATION	WEATHER PARAMETERS
surface water	effluent kemmerer ponar	color _____ pH _____	ambient temp <u>50°C</u>
groundwater	sludge <u>trowel</u> other _____	odor _____ ORP <u>NA</u>	barometric pressure _____
potable water	leachate bucket	temp <u>NA</u> salinity <u>NA</u>	relative humidity _____
sediment	waste auger	DO _____ sample depth _____	weather conditions <u>Sunny</u>
<u>soil</u>	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

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

STORAGE

- wet ice
- dry ice
- ambient

PRESERVATIVES

HNO₃

NaOH

Zn Acetate

HCl

Na₂SO₄

other 4°C

COMMENTS

Turf was prepped back to collect sample

FIELD DATA SHEET

21201

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

Chain of Custody No.: 01565
REAC Task Leader: B. Forsythe
EPA WAM: J. Camacho
Work Assignment No.: 3428
Date: 17 Feb 99 Site Name: Centredale Manor
Time: 1240 Sample Location: CMS-119
Samplers: Holborness, Kudavuskas

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	<u>NA</u>	velocity	<u>NA</u> cm/s	gravel	<u>NA</u>
<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	ORP	barometric pressure	
potable water	leachate	bucket		temp	salinity	relative humidity	
sediment	waste	auger		DO	sample depth	weather conditions	
<u>soil</u>	other	ekman		cond	tide stage	<u>cloudy, cool</u>	

ANALYSES TO BE PERFORMED

ORGANICS

- A. halogenated & aromatic volatiles
 F. volatiles
 G. 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, 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

PRESERVATIVES

- HNO₃
 NaOH
 Zn Acetate
 HCl
 Na₂SO₄
 other 4°C

STORAGE

- wet ice
 dry ice
 ambient

COMMENTS

FIELD DATA SHEET

21296

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

Date: 16 Feb 99 Samplers: Holderness, Daly, Gedyne Chain of Custody No.: N/A
Site Name: Centredale Manor REAC Task Leader: B. Parsythe
Time: N/A Sample Location: CMS-120 EPA WAM: L. Camacho
Work Assignment No.: 3/28

SITE DESCRIPTION

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

SOIL TYPE

rock clay
gravel silt
sand loam
silt peat
color

SURFACE WATER

color
odor
flow
direction

STREAM

width
depth
velocity
pools
riffles

BOTTOM

rock silt
gravel
shell
sand

SAMPLE TYPE

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

DEVICE

kemmerer ponar
trowel
bucket
auger
ekman

SAMPLE INFORMATION

color
odor
temp
DO
cond

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

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

HNO₃
NaOH
Zn Acetate
HCl
Na₂SO₄
other

STORAGE

wet ice
dry ice
ambient

RCRA

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

COMMENTS

Located on road behind south building - not sampled

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
Date: 17 Feb 99 Site Name: Centredale Manor
Time: 1504 Sample Location: CMS-121
Samplers: Pete Kudernauskas Brian H/dernass

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	<u>NA</u>	velocity	<u>NA</u>	gravel	<u>NA</u>
<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>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>cloudy</u>

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
C. metals, acid (PCP)
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 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

- HNO₃
NaOH
Zn Acetate
HCl
Na₂SO₄
other 4°C

COMMENTS

FIELD DATA SHEET

21160

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

Date: 15 Feb 99 Samplers: Halden, S. Daly, Gedyne Chain of Custody No.: N/A
Site Name: Centredale Manor REAC Task Leader: B. Forsythe
Time: N/A Sample Location: CMS-122 EPA WAM: J. Lankashio
Work Assignment No.: 31/22

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
rubble
gravel
shell
sand

SAMPLE TYPE

surface water effluent
groundwater N/A sludge
potable water N/A leachate
sediment waste
soil other

DEVICE

kemmerer popar
trowel N/A other
bucket N/A
auger
ekman

SAMPLE INFORMATION

color
odor N/A
temp N/A
DO
cond

pH
ORP
salinity
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

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

HNO₃
NaOH
Zn Acetate
HCl
Na₂SO₄
other

STORAGE

wet ice
dry ice
ambient

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

COMMENTS

Located in standing water - too deep to sample

FIELD DATA SHEET

21232

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

Date: 17 Feb 97 Site Name: Centre Lake Marsh Chain of Custody No.: 01566
Time: 1523 Sample Location: CMS-123 REAC Task Leader: B. Forsythe
EPA WAM: J. Camacho
Work Assignment No.: 3422

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	<u>NA</u>
commercial	farmland	lacustrine	sand	loam	flow	<u>NA</u>	velocity	<u>NA</u> cm/s	gravel	organic
<u>residential</u>	<u>gully</u>		silt	<u>peat</u>	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	ORP	barometric pressure	
potable water	leachate	bucket		temp	salinity	relative humidity	
sediment	waste	auger		DO	sample depth	weather conditions	<u>Cloudy, cold</u>
<u>soil</u>	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 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
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

STORAGE

- wet ice
dry ice
ambient

PRESERVATIVES

- HNO₃
NaOH
Zn Acetate
HCl
Na₂SO₄
other NA

COMMENTS

FIELD DATA SHEET

21047

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.: 0347-143001-3428
Date: 2/16/99 Site Name: Centredale Manor
Time: 14:22 Sample Location: CMS-124
Samplers: Dan Gane, Rick Fisher, Amanda Daly

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
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
odor
temp NA
DO
cond

WEATHER PARAMETERS

pH
ORP
salinity NA
sample depth
tide stage
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 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

- HNO₃
- NaOH
- Zn Acetate
- HCl
- Na₂SO₄
- other 4°C

COMMENTS

Roots,
Frozen down to 1 1/2".

FIELD DATA SHEET

21004

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

Date: 2/16/99
Time: 16:19
Site Name: Centredale Manor
Sample Location: CMS-125

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	NA	velocity	cm/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	NA	ORP	barometric pressure
potable water	leachate	bucket		temp	NA	salinity	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
 - 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 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

- HNO₃
- NaOH
- Zn Acetate
- HCl
- Na₂SO₄
- other: 4°C

COMMENTS

Peel back turf to take sample.

FIELD DATA SHEET

21031

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

Chain of Custody No.: 01552
REAC Task Leader: Barry Forsythe
EPA WAM: Ja Ann Calmacho
Work Assignment No.: 68-3242-143-001-3428
03347

Date: 2/16/99 Site Name: Centredale Manor
Time: 16:11 Sample Location: CMS-126

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		rubble	clay
commercial	farmland	lacustrine	sand	<u>loam</u>	flow	<u>NA</u>	velocity	<u>NA</u> cm/s	gravel	<u>NA</u> organic
<u>residential</u>	gully		silt	peat	direction		pools	%	shell	other
hedgerows	floodplain		color	<u>medium brown</u>			riffles	%	sand	

SAMPLE TYPE		DEVICE		SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	kemmerer	ponar	color		pH	ambient temp <u>45°C</u>
groundwater	sludge	<u>trowel</u>	other	odor		ORP	barometric pressure
potable water	leachate	bucket		temp	<u>NA</u>	salinity	relative humidity
sediment	waste	auger		DO		sample depth	weather conditions <u>Sunny</u>
<u>soil</u>	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

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

PRESERVATIVES

HNO₃

NaOH

Zn Acetate

HCl

Na₂SO₄other 4°C

STORAGE

- wet ice
dry ice
ambient

COMMENTS Peeled back turf to take sample

FIELD DATA SHEET

21003

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

Date: 2/16/99 Site Name: Centredale Manor Chain of Custody No.: 01552
Time: 16:11 Sample Location: CMS-126edup REAC Task Leader: Barry Easlythe
EPA WAM: JoAnn Camacho Work Assignment No.: 03347-143-001-3428
Samplers: Don Granz, Rich Fisher, Amanda Daly

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	<u>NA</u>	velocity	<u>NA</u> cm/s	gravel	<u>NA</u> organic
<u>residential</u>	gully		silt	peat	direction		pools	%	shell	other
heggerows	floodplain		color	<u>medium brown</u>			riffles	%	sand	

SAMPLE TYPE		DEVICE		SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	kemmerer	ponar	color		pH	ambient temp <u>45°C</u>
groundwater	sludge	<u>trowel</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 <u>sunny</u>
<u>soil</u>	other	ekman		cond		tide stage	

ANALYSES TO BE PERFORMED

ORGANICS

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

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

- HNO₃
- NaOH
- Zn Acetate
- HCl
- Na₂SO₄
- other 40C

STORAGE

- wet ice
- dry ice
- ambient

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

COMMENTS

Peel back turf to take sample.

FIELD DATA SHEET

21000

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

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	<u>sand</u>	<u>loam</u>	flow	<u>NA</u>	velocity	<u>cm/s</u>	gravel	<u>NA</u> organic
<u>residential</u>	gully		silt	peat	direction		pools	%	shell	other
hedgerows	floodplain		color	<u>tan-brown</u>			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	
<u>soil</u>	other	ekman		cond		tide stage	
						weather conditions	<u>Sunny</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 diuron

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

- HNO₃
- NaOH
- Zn Acetate
- HCl
- Na₂SO₄
- other 4°C

COMMENTS

Peeled back turf to take sample.