

US EPA ARCHIVE DOCUMENT

FIELD DATA SHEET

21056

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

Chain of Custody No.: 01552

Samplers: Don Grant, Rich Fisher, Amanda DayREAC Task Leader: Barry Forst, theDate: 2/16/99Site Name: Centredale ManorEPA WAM: Jo Ann CamachoTime: 16:32Sample Location: CMS-128Work Assignment No.: 03347-43-1013428

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 _____
flow NA
direction _____

STREAM

width _____
depth _____
velocity NA ft/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

ambient temp 40°C
barometric pressure _____
relative humidity _____
weather conditions Sunny
tide stage _____

ANALYSES TO BE PERFORMED

ORGANICS

- A. halogenated & aromatic volatiles
C. volatiles
D. thalomechanes
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 _____

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

Peeked back turf to take sample.

FIELD DATA SHEET

21103

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

16 Feb 99
Date: 16 Feb 99 Site Name: Centerville Manor Chain of Custody No.: N/A
Time: N/A Sample Location: CMS-129 REAC Task Leader: B. Forsythe
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	muck	odor		depth		rubble	clay
commercial	farmland	lacustrine	sand	peat	flow		velocity	cm/s	gravel	organic
residential	gully		silt		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	
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

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

COMMENTS

Located in standing water - too deep to sample

FIELD DATA SHEET

21233

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

Date: 17 Feb 99 Site Name: Centerville Manor Chain of Custody No.: 01566
Time: 1525 Sample Location: CMS-130 REAC Task Leader: B. Forsythe
EPA WAM: J. Camacho Work Assignment No.: 3428
Samplers: Holderness, Kudayewskas

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	<u>loam</u>	flow	<u>NA</u>	velocity	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	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, cold</u>	

ANALYSES TO BE PERFORMED

ORGANICS

- A. halogenated & aromatic volatiles
P. volatiles
L. 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 NA
C. metals, non (POP)
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

STORAGE

- wet ice
dry ice
ambient

PRESERVATIVES

HNO₃

NaOH

Zn Acetate

HCl

Na₂SO₄other 4°C

COMMENTS

FIELD DATA SHEET

21075

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

Chain of Custody No.: 01553
 Date: 2/16/99 Site Name: Centerville Manor REAC Task Leader: Barry Fossythe
 Time: 14:27 Sample Location: CMS-131 EPA WAM: Jo Ann Connors
 Work Assignment No.: 03347-143-001-3428

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>NA</u>	depth	<u>NA</u>	rubble	<u>NA</u>
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	<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	barometric pressure	
potable water	leachate	bucket		temp	<u>NA</u>	relative humidity	
sediment	waste	auger		DO		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

CONTAINER

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

STORAGE

- wet ice
 dry ice
 ambient

PRESERVATIVES

HNO₃

NaOH

Zn Acetate

HCl

Na₂SO₄other 4°C

COMMENTS

Leaf cover.
 Rocks. Roots

FIELD DATA SHEET

21050

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: 16:00 Sample Location: CMS-132 REAC Task Leader: Barry Fossythe
EPA WAM: JeAnn Camacho Work Assignment No.: 03347-143-001-3428

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	<u>NA</u>	depth	<u>NA</u>	rubble	clay
commercial	farmland	lacustrine	sand	<u>loam</u>	flow	<u>NA</u>	velocity	<u>0.15</u>	gravel	<u>NA</u>
<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	<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
- volatiles
- trihalomethanes
- D. pesticides/PCB
- E. PCB
- F. base neutral/acid extractables
- G. pesticides, drinking water
- H. herbicides, drinking water
- I. 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

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

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

Peered back turf to collect sample.

FIELD DATA SHEET

21001

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

Chain of Custody No.: 01552

REAC Task Leader: Barry Forsythe

EPA WAM: John Camacho

Work Assignment No.: 03347-143-001-3428

Samplers: Dan Grant, Rich Fisher, Amanda Daly

Date: 2/16/99 Site Name: Centredale Manor

Time: 16:05 Sample Location: CMS-133

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 light brown

SURFACE WATER

color _____
odor NA
flow NA
direction _____

STREAM

width _____
depth _____
velocity NA ft/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

ambient temp 42°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 _____

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: Sample location in a masonry disposal pit.

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-N3-001-3428
Date: 2/16/99 Site Name: Centredale Manor
Time: 16:40 Sample Location: CMS-134
Samplers: Dan Grant Rich Fisher, Annala 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	depth	rubble clay
commercial	farmland	lacustrine	sand <u>loam</u>	flow <u>NA</u>	velocity <u>NA</u> ft/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	color	pH
groundwater	sludge	odor	ORP
potable water	leachate	temp <u>NA</u>	salinity <u>NA</u>
<u>sediment</u>	waste	DO	sample depth
soil	other	cond	tide stage
	kemmerer		ambient temp <u>40°C</u>
	<u>trowel</u>		barometric pressure
	bucket		relative humidity
	auger		weather conditions <u>Sunny</u>
	ekman		

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

CONTAINER

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

PRESERVATIVES

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

STORAGE

- wet ice
- dry ice
- ambient

COMMENTS: In wooded area.

FIELD DATA SHEET

C1224

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 Minor Hatterruss
Time: 1512 Sample Location: CMS-135
Samplers: Pete Kudamuskas, Brian

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	loam	flow	<u>NA</u>	velocity	<u>NA</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	trowel	other	odor		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
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, SCAA (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 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 40C
other

COMMENTS:

FIELD DATA SHEET

21220

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

Date: 17 Feb 99 Site Name: Centredale Manor
Time: 1512 Sample Location: CMS-136

Chain of Custody No.: 01566
REAC Task Leader: B. Forster
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	<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	organic
residential	gully		silt	peat	direction		pools	%	shell	other
hedgerows	floodplain		color				riffles	%	sand	

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

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 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 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

STORAGE

- wet ice
- dry ice
- ambient

PRESERVATIVES

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

COMMENTS:

FIELD DATA SHEET

21228

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

Date: 17 Feb 99 Time: 1540 Site Name: Centredale Manor Sample Location: CMS-137
Chain of Custody No.: 01566 EPA WAM: J Camacho Work Assignment No.: 3428
Samplers: Pete Kudaravskas, Brian Holderness SEAC Task Leader: B Forsythe

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	<u>loam</u>	flow	velocity	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	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</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 CHLORIN

INORGANICS

- A. metals, priority pollutant
- B. metals, TAU
- 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 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 40C

COMMENTS

FIELD DATA SHEET

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

Date: 2/16/99 Time: 14:36 Samplers: Dan Granz, Rich Fisher, Amanda Daly Site Name: Centredale Manor Sample Location: CMS-138
Chain of Custody No.: 01553 REAC Task Leader: Barry Forsythe EPA WAM: JaAnn Camacho Work Assignment No.: 03347-143-001-3428

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>NA</u>	depth		rubble	clay
commercial	farmland	lacustrine	<u>sand</u>	loam	flow		velocity	<u>NA</u>	gravel	<u>NA</u>
<u>residential</u>	gully		<u>silt</u>	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	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
 - 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

Leaf cover.
Run-off area off the parking lot.

FIELD DATA SHEET

21008

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

Chain of Custody No.: 01552
REAC Task Leader: Barry Forsythe
Date: 2/16/99 Site Name: Centredale Manor WAM: JoAnn Camacho
Time: 15:42 Sample Location: cms-139 Work Assignment No.: 03347-143-001-3428

SITE DESCRIPTION

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

SOIL TYPE

rock clay
gravel muck
sand loam
silt peat
color medium brown

SURFACE WATER

color _____
odor N/A
flow _____
direction _____

STREAM

width _____
depth _____
velocity N/A m/s
pools _____ %
riffles _____ %

BOTTOM

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

WEATHER PARAMETERS

pH _____ ambient temp 45°C
ORP _____ barometric pressure _____
salinity N/A relative humidity _____
sample depth _____ weather conditions Sunny
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:

Peeked back turf to get samples

FIELD DATA SHEET

21010

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

Date: 2/16/99 Time: 15:50 Site Name: Centredale Manor Sample Location: CMS-140
 Chain of Custody No.: 015532^{AD} REAC Task Leader: Barry Easley
 EPA WAM: JaAnn Camacho Work Assignment No.: 03347-143-001-342

SITE DESCRIPTION			SOIL TYPE		SURFACE WATER		STREAM		BOTTOM	
landfill	old field	upland palustrine	rock	clay	color	width	rock	siit		
industrial	wooded	lowland riverine	gravel	muck	odor	depth	rubble	clay		
commercial	farmland	lacustrine	sand	loam	flow	velocity	gravel	organic		
<u>residential</u>	gully		silt	peat	direction	pools	shell	other		
neogrowns	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>45°C</u>
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>sunny</u>
<u>soil</u>	other	ekman		cond	tide stage		

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

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

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: in wooded area.

FIELD DATA SHEET

21000

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

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

Date: 2/16/99 Site Name: Centredale Manor
Time: 16:50 Sample Location: CM3-141

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	<u>medium 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	<u>NA</u>	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
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INORGANICS

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RCRA

- A. TCLP
B. ignitability
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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.

In wooded area.