

US EPA ARCHIVE DOCUMENT

FIELD DATA SHEET

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

Chain of Custody No.: 01566
REAC Task Leader: B. Ensrlyth
EPA WAM: J. Camacho
Work Assignment No.: 3428
Date: 17 Feb 99 Site Name: Centredale Manor
Time: 1519 Sample Location: CMS-142
Samplers: Holmness, Kudravska

SITE DESCRIPTION		SOIL TYPE	SURFACE WATER	STREAM	BOTTOM
landfill	old field	rock	color	width	rock
industrial	upland palustrine	clay	odor	depth	silt
commercial	wooded	gravel	flow	velocity	rubble
residential	lowland riverine	muck	direction	cm/s	gravel
hedgerows	lacustrine	sand		%	shell
	gully	loam		%	other
	floodplain	peat			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. 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, TAA
C. metals scan (ICP)
D. metals, other

RCRA

- A. TCLP
B. ignitability
C. corrosivity
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:

FIELD DATA SHEET

21231

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

Date: 17 Feb 99 Time: 1522 Chain of Custody No.: 01566
 Samplers: Holkness Lupiano REAC Task Leader: B. Forsythe
 Site Name: Centredale Manor EPA WAM: J. Camacho
 Sample Location: CMS-143 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		rubble	<u>NA</u>
commercial	farmland	lacustrine	sand	loam	flow	<u>NA</u>	velocity	<u>NA</u> cm/s	gravel	organic
<u>residential</u>	gully		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	<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>Wet Cloudy, cold</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 DICKIN

INORGANICS

- A. metals, priority pollutant
 B. metals, TA
 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

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

21235

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

Chain of Custody No.: 01567
REAC Task Leader: B. Forgythe
EPA WAM: J. Camacho
Work Assignment No.: 3428
Date: 17 Feb 99 Site Name: Centerville Manor
Time: 1546 Sample Location: CMS-144
Samplers: Hollingsworth, Kulavickas, Lupiano

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
residential	gully		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. 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, TAH
- 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

CONTAINER

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

NaOH

PRESERVATIVES

- HNO₃
- Zn Acetate
- HCl
- Na₂SO₄
- other 1%

STORAGE

- wet ice
- dry ice
- ambient

COMMENTS

MS/MSD sample

FIELD DATA SHEET

21040

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

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

Date: 2/6/99 Site Name: Centredale Manor ^{DAY}
Time: 14:43 Sample Location: CMS-145

Samplers: Dan Grane, Rich Fisher, Amanda

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		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	<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	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

Grass & leaf cover

FIELD DATA SHEET

2129

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

Date: 16 Feb 99 Site Name: Centerville Manor Chain of Custody No.: N/A
Time: N/A Sample Location: CMS-146 REAC Task Leader: B. Forsythe
EPA WAM: J. Cerna
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	sand	peat	flow		velocity	cm/s	gravel	organic
residential	gully		silt		direction		podis	%	shell	other
hedgerows	floodplain		color				riffles	%	sand	

SAMPLE TYPE		DEVICE	SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	kemmerer	color	pH	ambient temp	
groundwater	effluent	trowel	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

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

STORAGE

- wet ice
- dry ice
- ambient

COMMENTS:

Located on south parking lot - not sampled

FIELD DATA SHEET

21007

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

Chain of Custody No.: 01552
 REAC Task Leader: Barny Fox
 EPA WAM: JoAnn Camacho
 Work Assignment No.: 03347-143-001-3425
 Date: 2/16/99 Site Name: Centredale Manor
 Time: 15:33 Sample Location: CMS-147
 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		rubble	clay
commercial	farmland	lacustrine	<u>sand</u>	loam	flow		velocity	<u>NA</u> cm/s	gravel	organic
residential	gully		<u>silt</u>	peat	direction		pools	%	shell	other
negotiable	floodplain		color	<u>dark brown</u>			riffles	%	sand	

SAMPLE TYPE		DEVICE		SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	kemmerer	ponar	color		pH	
groundwater	sludge	trowel	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 CL, 70, 111

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 49

COMMENTS

In wooded area

FIELD DATA SHEET

21241

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: 1603 Sample Location: CMS-148
Samplers: H. Harniss, K. Gudavuskas

SITE DESCRIPTION			SOIL TYPE		SURFACE WATER		STREAM		BOTTOM	
landfill	old field	upland palustrine	rock	clay	color		width		rock	silt
industrial	<u>wooded</u>	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	<u>NA</u> organic
residential	gully		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	<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, cold</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 DICHLOR

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%

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 NA pH
- D. reactivity
- E. other

COMMENTS

FIELD DATA SHEET

21236

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

Date: 17 Feb 99 Site Name: Centredale Manor Chain of Custody No.: 01567
Time: 1547 Sample Location: CMS-149 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
flow NA
direction

STREAM

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

BOTTOM

rock silt
rubble NA
gravel NA
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
ambient temp
ORP
barometric pressure
salinity NA
relative humidity
sample depth
weather conditions cloudy, cool
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, 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

CONTAINER

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

NaOH

PRESERVATIVES

- HNO₃
Zn Acetate
HCl
Na₂SO₄
other NA

STORAGE

- wet ice
dry ice
ambient

COMMENTS

FIELD DATA SHEET

21231

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

Date: 17 Feb 99 Time: 1550 Samplers: Holter, Kadar, Skas, Lupano Chain of Custody No.: 01567
Site Name: Centredale Manor REAC Task Leader: B. Forsythe
Sample Location: CMS-150 EPA WAM: J. Carracho
Work Assignment No.: 3428

SITE DESCRIPTION			SOIL TYPE		SURFACE WATER		STREAM		BOTTOM	
landfill	old field	upland palustrine	rock	clay	color		width		rock	silt
industrial	<u>wooded</u>	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
residential	gully		silt	<u>peat</u>	direction	<u>NA</u>	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
 - 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
- 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

NaOH

PRESERVATIVES

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

STORAGE

- wet ice
- dry ice
- ambient

COMMENTS

FIELD DATA SHEET

21234

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: Centredale Manor
 Time: 1548 Sample Location: CMS-151
 Samplers: Holderness, Kudavuskas, Lupiano

SITE DESCRIPTION			SOIL TYPE		SURFACE WATER		STREAM		BOTTOM	
landfill	old field	upland palustrine	rock	clay	color		width		rock	silt
industrial	<u>wooded</u>	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>	gravel	<u>NA</u>
residential	gully		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	<u>NA</u>	relative humidity	
sediment	waste	auger		DO		sample depth	
<u>oil</u>	other	ekman		cond		tide stage	
							<u>Cloudy, calm</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 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

- HNO₃
 NaOH
 Zn Acetate
 HCl
 Na₂SO₄
 other 4°C

COMMENTS

FIELD DATA SHEET

21001

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

Chain of Custody No.: 01553
Sampers: Dan Granz, Rich Fisher, Amanda REAC Task Leader: Barry Forsythe
Date: 2/16/99 Site Name: Centredale Manor EPA WAM: Jo Ann Camacho
Time: 4:49 Sample Location: CMS-152 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		rubble	clay
commercial	farmland	lacustrine	sand	<u>loam</u>	flow		velocity	<u>NA</u> cm/s	gravel	organic
<u>residential</u>	gully		silt	peat	direction		pools	%	shell	other
meadows	floodplain		color	<u>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
- 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 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

NaOH

PRESERVATIVES

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

STORAGE

- wet ice
- dry ice
- ambient

COMMENTS:

Leaf & twig cover

FIELD DATA SHEET

21004

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

Chain of Custody No.: 01553
Task Leader: Berny Forsythe
Date: 2/16/99 Site Name: Centredale Manor EPA WAM: John Camacho
Time: 15:07 Sample Location: CMS-153 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> cm/s	gravel	<u>NA</u> organic
<u>residential</u>	gully		silt	peat	direction		pools	%	shell	other
<u>hedgerows</u>	floodplain		color	<u>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	trowel	other	odor	ORP	barometric pressure	
potable water	leachate	bucket		temp	<u>NA</u>	relative humidity	
<u>sediment</u>	waste	auger		DO		sample depth	<u>weather conditions 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 drinking water

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

- HNO₃
- NaOH
- Zn Acetate
- HCl
- Na₂SO₄
- other 4PC

RCRA

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

COMMENTS

Dried grass & rocks
Right at edge of parking lot.

FIELD DATA SHEET

21000

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

Chain of Custody No.: 01553
 REAC Task Leader: Berny Forsythe
 EPA WAM: JoAnn Camacho
 Work Assignment No.: 03347-143-001-3428
 Date: 2/16/99 Site Name: Centredale Manor
 Time: 15:17 Sample Location: CMS-154
 Samplers: Dan Granz, Rich Fisher, Ann

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

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

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

STORAGE

- wet ice
 dry ice
 ambient

PRESERVATIVES

HNO₃

NaOH

Zn Acetate

HCl

Na₂SO₄other 4°C

COMMENTS

Grass cover.
 Right along snow fence
 Very wet

FIELD DATA SHEET

21000

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

Chain of Custody No.: 01553

Samplers: Dan Granz Rich Fisher, Amanda Dale REAC Task Leader: Barry Forsythe

Date: 2/16/97 Site Name: Centredale Manor EPA WAM: JoAnn Camacho

Time: 15:22 Sample Location: CMS-155 Work Assignment No.: 03347-143-001-3429

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		rubble	clay
commercial	farmland	lacustrine	<u>sand</u>	loam	flow		velocity	<u>NA</u> cm/s	gravel	<u>NA</u> organic
<u>residential</u>	gully		silt	peat	direction		pools	%	shell	other
<u>hedgehows</u>	floodplain		color	<u>light 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>
<u>sediment</u>	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 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 40C
other

COMMENTS

In wooded area.
Brush & grasses.
Top 1 1/2" frozen

FORM #1

Chemical resin - maroon & yellow flakes - in soil.