

US EPA ARCHIVE DOCUMENT

FIELD DATA SHEET

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

Chain of Custody No. 01540REAC Task Leader: Barry FasytheEPA WAM: JoAnn CamachoWork Assignment No.: 03347-143-001-342Date: 2/16/99Samplers: Don Grant, Rich Fisher, Amanda DalySite Name: Centredale ManorTime: 10:10Sample Location: 45 Grover St. CMS-222

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 med. brown

SURFACE WATER

color NA
odor NA
flow NA
direction NA

STREAM

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

BOTTOM

rock silt
rubble NA
gravel organic
shell other NA
sand

SAMPLE TYPE

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

DEVICE

kemmerer ponar
trowel other NA
bucket
auger
ekman

SAMPLE INFORMATION

color NA
odor NA
temp NA
DO NA
cond NA

pH NA
ORP NA
salinity NA
sample depth NA
tide stage NA

WEATHER PARAMETERS

ambient temp 35°C
barometric pressure NA
relative humidity NA
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 NA

RCRA

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

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 NA

CONTAINER

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

STORAGE

- wet ice
- dry ice
- ambient

PRESERVATIVES

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

COMMENTS:

Back by drainage swale
Turf on surface which was removed & replaced.
Top 1/2" frozen.
Roots

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

Chain of Custody No.: 01540
 REAC Task Leader: Barry Forsythe
 EPA WAM: JoAnn Camacho
 Work Assignment No.: 03347-43-001-34
 Date: 2/16/99 Site Name: Centredale Manor
 Time: 9:50 Sample Location: 36 Steer St. CMS-223
MS/MSD

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>	rubber	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>dark 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	<u>NA</u>
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
 - 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: Wooded area behind house
Leaf cover

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

Chain of Custody No.: 01540

REAC Task Leader: Barry Forsythe

EPA WAM: JoAnn Canacho

Work Assignment No.: 03417-143-001-3428

Samplers: Dan Granz Rich Fisher, Amanda Daly

Date: 2/6/99 Site Name: Centredale Manor

Time: 10:50 Sample Location: 15 Centredale Ave. CMS-224

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 med. brown

SURFACE WATER

color _____
 odor NA
 flow _____
 direction _____

STREAM

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

BOTTOM

rock silt
 rubble NA
 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 NA
 temp NA
 DO _____
 cond _____

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 _____

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

RCRA

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

COMMENTS: Turf on surface.

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

Chain of Custody No.: 01540

Samplers: Dan Granz, Rich Fisher, Amanda Delaney (REAC Task Leader: Barry Forsythe)

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

EPA WAM: JoAnn Camacho

Time: 10:20 Sample Location: Vacant lot on Grover

Work Assignment No.: 03347-143-001-342

CRS-225

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	NA	depth	NA	rubble	NA
commercial	farmland	lacustrine	<u>sand</u>	<u>loam</u>	flow	NA	velocity	cm/s	gravel	organic
<u>residential</u>	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 35°C
groundwater	sludge	<u>trowel</u>	other	odor	NA	ORP	barometric pressure
potable water	leachate	bucket		temp	NA	salinity	relative humidity
sediment	waste	auger		DO		sample depth	weather conditions Sunny
<u>soil</u>	other	ekman		cond		tide stage	

ANALYSES TO BE PERFORMED

SAMPLE PREPARATION

ORGANICS

- A. halogenated & aromatic volatiles
- B. volatiles
- C. trihalomethanes
- 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 40C

INORGANICS

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

STORAGE

- wet ice
- dry ice
- ambient

NOVA

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

COMMENTS:

Turf on surface
Cobble, stone, pavement

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

01560

Date: 17 Feb 99 Samplers: Holderness, Kadavavskas Chain of Custody No.: 3428
Time: 0716 Site Name: Centredale Manor REAC Task Leader: B. Forsythe
Sample Location: CMS-226 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	clay	odor	<u>NA</u>	depth	<u>NA</u>	rubble	NA
commercial	farmland	lacustrine	sand	loam	flow		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	
groundwater	sludge	<u>trowel</u>	other	odor	<u>NA</u>	ORP	<u>NA</u>
potable water	leachate	bucket		temp		salinity	
sediment	waste	auger		DO		sample depth	
<u>soil</u>	other	ekman		cond		tide stage	

weather conditions: cloudy, cold

ANALYSES TO BE PERFORMED		SAMPLE PREPARATION	
ORGANICS	OTHER ANALYSES	CONTAINER	PRESERVATIVES
A. halogenated & aromatic volatiles	A. total cyanide	<u>glass jar</u>	HNO ₃
B. volatiles	B. total phenol	plastic jar	NaOH
C. trihalomethanes	C. petroleum hydrocarbons	acetate core	Zn Acetate
D. pesticides/PCB	D. pH	plastic bag	HCl
E. PCB	E. alkalinity	plastic bucket	Na ₂ SO ₄
F. base neutral/acid extractables	F. hardness	other	other <u>4°C</u>
G. pesticides, drinking water	G. total dissolved solids		
H. herbicides, drinking water	H. total suspended solids		
I. other <u>DIOXIN</u>	I. sulfate	STORAGE	
	J. TOC	<u>wet ice</u>	
	K. grain size	dry ice	
	L. percent moisture	ambient	
	M. other		
INORGANICS			
A. metals, priority pollutant			
B. metals, <u>NA</u>			
C. metals scan (ICP)			
D. metals, other			
RCRA			
A. TCLP			
B. ignitability			
C. corrosivity <u>NA</u> pH			
D. reactivity			
E. other			

COMMENTS:
Repeat location for confirmation

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

Date: 17 Feb 99 Time: 0729 Samplers: Holderness, Kadaravskas Site Name: Centredale Manor Sample Location: CMS-227
Chain of Custody No.: 01560 REAC Task Leader: B. Forsyth EPA WAM: J. Camacho Work Assignment No.: 3428

SITE DESCRIPTION			SOIL TYPE		SURFACE WATER		STREAM		BOTTOM	
landfill	old field	upland palustrine	rock	clay	color	<u>NA</u>	width	<u>NA</u>	rock	silt
industrial	wooded	lowland riverine	gravel	clay	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>	<u>gully</u>		silt	peat	direction		pools	%	shell	other
hedgerows	floodplain		color				riffles	%	sand	

SAMPLE TYPE		DEVICE		SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	kemmerer	ponar	color	<u>NA</u>	pH	<u>NA</u>
groundwater	sludge	<u>trowel</u>	other	odor	<u>NA</u>	ORP	<u>NA</u>
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	
							<u>cloudy, cold</u>

ANALYSES TO BE PERFORMED

ORGANICS

- A. halogenated & aromatic volatiles
- B. volatiles
- C. trihalomethanes
- J. 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

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

RCRA

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

COMMENTS:

Repeated sample for confirmation SS-99-04

FIELD DATA SHEET

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

Chain of Custody No.: 01560
Date: 17 Feb 99 Samplers: Holharness, Kadavuskas REAC Task Leader: B. Forsythe
Time: 0741 Site Name: Centredale Manor EPA WAM: J. Camacho
Sample Location: CMS-228 Work Assignment No.: 3428

SITE DESCRIPTION			SOIL TYPE		SURFACE WATER		STREAM		BOTTOM	
landfill	old field	upland palustrine	rock	clay	color	<u>NA</u>	width	<u>NA</u>	rock	silt
industrial	wooded	lowland riverine	gravel	muck	odor	<u>NA</u>	depth	<u>NA</u>	rubble	gravel
commercial	farmland	lacustrine	sand	<u>loam</u>	flow	<u>NA</u>	velocity	cm/s	gravel	organic
<u>residential</u>	gully		silt	peat	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	<u>NA</u>	pH	<u>NA</u>
groundwater	sludge	<u>trowel</u>	other	odor	<u>NA</u>	ORP	<u>NA</u>
potable water	leachate	bucket		temp	<u>NA</u>	salinity	<u>NA</u>
sediment	waste	auger		DO	<u>NA</u>	sample depth	<u>NA</u>
<u>soil</u>	other	ekman		cond	<u>NA</u>	tide stage	<u>NA</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, other (ICP)
- D. metals, other

RCRA

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

OTHER ANALYSES

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

SAMPLE PREPARATION

CONTAINER

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

STORAGE

- wet ice
- dry ice
- ambient

PRESERVATIVES

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

COMMENTS:

Repeat sample, formally SS-01

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

Date: 17 Feb 99 Samplers: Holderness, Kadavavskas
Time: 0755 Site Name: Centredale Manor
Sample Location: CMS-229

Chain of Custody No.: 01561
REAC Task Leader: B. Forsythe
EPA WAM: J. Carabasso
Work Assignment No.: 3428

SITE DESCRIPTION

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

SOIL TYPE

rock clay
gravel muck
sand loam
silt peat
color

SURFACE WATER

color
odor NA
flow
direction

STREAM

width
depth NA
velocity cm/s
pools %
riffles %

BOTTOM

rock silt
rubble NA
gravel organic
shell other
sand

SAMPLE TYPE

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

DEVICE

kemmerer ponar
trowel other
bucket
auger
ekman

SAMPLE INFORMATION

color
odor
temp NA
DO
cond

WEATHER PARAMETERS

ambient temp
barometric pressure
relative humidity
weather conditions cloudy, cold
tide stage

ANALYSES TO BE PERFORMED

ORGANICS

- A. halogenated & aromatic volatiles
B. volatiles
C. trihalomethanes
pesticides/PCB
D. 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 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 42 15

NaOH

PRESERVATIVES

HNO₃
Zn Acetate
HCl
Na₂SO₄
other CC

STORAGE

wet ice
dry ice
ambient

RCRA

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

COMMENTS:

Upstream reference sample - depositional sand

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

Chain of Custody No.: 01561
REAC Task Leader: E. Forsyth
EPA WAM: J. Camacho
Work Assignment No.: 3428

Date: 17 Feb 99
Time: 12:00
Samplers: H. Hadderness, K. Kadavuskas
Site Name: Centredale Manor
Sample Location: CMS-230

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				riffles	%	sand	

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

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, TCLP
- 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:

Up stream depositional sand

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

Chain of Custody No.: 01542
REAC Task Leader: Barry Forsythe
EPA WAM: JoAnn Camacho
Work Assignment No.: 03347-143-001-3428
Date: 2/17/99 Site Name: Centredale Manor
Time: 13:30 Sample Location: CMS-231
Samplers: Don Crane, 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 <u>muck</u>	odor <u>NA</u>	depth <u>NA</u>	rubble <u>NA</u> clay
commercial	farmland	lacustrine	<u>sand</u> <u>loam</u>	flow	velocity <u>cm/s</u>	gravel 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	color	pH	ambient temp	<u>40°C</u>
groundwater	sludge	<u>trowel</u>	odor	ORP <u>NA</u>	barometric pressure	
potable water	leachate	bucket	temp <u>NA</u>	salinity	relative humidity	
sediment	waste	auger	DO	sample depth	weather conditions	<u>cloudy</u>
<u>soil</u>	other	ekman	cond	tide stage		

ANALYSES TO BE PERFORMED

ORGANICS

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

BCRA

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

OTHER ANALYSES

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

SAMPLE PREPARATION

CONTAINER

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

NaOH

PRESERVATIVES

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

STORAGE

- wet ice
- dry ice
- ambient

COMMENTS:

In oxbow.
Turf.
Standing water

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

Chain of Custody No.: 01542

Samplers: Don Gonz, Rich Fisher, Amanda Daly REAC Task Leader: Barry Forsythe

Date: 2/17/99 Site Name: Centredale Manor EPA WAM: John Camacho

Time: 13:40 Sample Location: CMS-232 Work Assignment No.: 03347-143-001-342

SITE DESCRIPTION			SOIL TYPE		SURFACE WATER		STREAM		BOTTOM	
landfil.	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>	gravel	organic
<u>residential</u>	gully		silt	<u>peat</u>	direction		pools	%	shell	other
hedgerows	floodplain		color	<u>dark brown</u>			riffles	%	sand	

SAMPLE TYPE		DEVICE	SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	kemmerer	color		pH	
groundwater	sludge	<u>trowel</u>	odor	<u>NA</u>	ORP	<u>NA</u>
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	
					ambient temp	<u>40°C</u>
					barometric pressure	
					relative humidity	
					weather conditions	<u>cloudy</u>

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- G. total dissolved solids
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- I. sulfate
- J. TOC
- K. grain size
- L. percent moisture
- M. other

SAMPLE PREPARATION

CONTAINER

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

NaOH

PRESERVATIVES

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

STORAGE

- wet ice
- dry ice
- ambient

COMMENTS:

Standing water.
turf.

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

Chain of Custody No.: 01542
 REAC Task Leader: Barry Fossy the
 EPA WAM: JaAnn Canacho
 Work Assignment No.: 03347-143-001-3428

Samplers: Don Granz Rich Fisher, Amanda Daly
 Date: 2/17/99 Site Name: Centredale Manor
 Time: 13:46 Sample Location: CMS-233

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	famland	lacustrine	<u>sand</u>	loam	flow		velocity	<u>cm/s</u>	gravel	<u>NA</u>
<u>residential</u>	gully		<u>silt</u>	peat	direction		pools	%	shell	other
hedgerows	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>
sediment	waste	auger		DO		sample depth	
<u>soil</u>	other	ekman		cond		tide stage	
						ambient temp	<u>40°C</u>
						barometric pressure	
						relative humidity	
						weather conditions	<u>cloudy</u>

ANALYSES TO BE PERFORMED

ORGANICS

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

INORGANICS

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

PCRA

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

OTHER ANALYSES

- A. total cyanide
- B. total phenol
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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: Turf.