

US EPA ARCHIVE DOCUMENT

FIELD DATA SHEET

21262

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

Chain of Custody No.: 01543
 REAC Task Leader: Barry Forsythe
 EPA WAM: JoAnn Camacho
 Work Assignment No.: 03347-143-001-3428
 Date: 2/17/99 Site Name: Centre de la Manoir
 Time: 16:35 Sample Location: CMS-210 MSMSD
 Samplers: Dan Gantz, Rich Fisher, Amanda D.

SITE DESCRIPTION

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

SOIL TYPE

rock clay
 gravel muck
 sand loam
silt peat
 color medium brown

SURFACE WATER

color
 odor NA
 flow 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 NA
 temp NA
 DO
 cond

pH
 ORP
 salinity NA
 sample depth
 tide stage

WEATHER PARAMETERS

ambient temp 35°C
 barometric pressure
 relative humidity
 weather conditions cloudy

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, 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:

FIELD DATA SHEET

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

Date: 2/17/99 Time: 10:40 Site Name: Centredale Manor Sample Location: CMS-211
Chain of Custody No.: 01543 REAC Task Leader: Barry Forsythe EPA WAM: JoAnn Camacho Work Assignment No.: 03347-143-001-3428
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	<u>wooded</u>	lowland riverine	gravel	muck	odor	<u>NA</u>	depth	<u>NA</u>	rubble	clay
commercial	farmland	lacustrine	sand	loam	flow		velocity	<u>NA</u> cm/s	gravel	<u>NA</u> organic
residential	gully		<u>silt</u>	peat	direction		pools	%	shell	other
hedgerows	<u>floodplain</u>		color	<u>medium brown</u>			riffles	%	sand	

SAMPLE TYPE		DEVICE		SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	kemmerer	ponar	color		pH	ambient temp <u>35°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>cloudy</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 aroxin

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 40°C
- other

COMMENTS:

FIELD DATA SHEET

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

Chain of Custody No.: 01543
REAC Task Leader: Barry Forsythe
EPA WAM: John Camacho
Work Assignment No.: 03347-143-01-3428

Date: 2/17/99 Site Name: Centredale Manor
Time: 10:33 Sample Location: CMS-212

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	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 35°C
groundwater	sludge	trowel	other	odor		ORP	barometric pressure
potable water	leachate	bucket		temp	NA	salinity	relative humidity
sediment	waste	auger		DO		sample depth	weather conditions cloudy
soil	other	ekman		cond		tide stage	

ANALYSES TO BE PERFORMED

ORGANICS

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

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
Na₂SO₄
other 40°C

RCRA

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

COMMENTS:

Standing Water (4")
Light layer of sand. Silt underneath.

FIELD DATA SHEET

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

Date: 2/17/99 Time: 1:00 PM Site Name: Contedali Manor Sample Location: CMS-213
Chain of Custody No.: 01543 REAC Task Leader: Barry Forsythe
EPA WAM: JoAnn Canache Work Assignment No.: 03347-143-001-3428
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	<u>wooded</u>	lowland riverine	gravel	muck	odor		depth		rubble	clay
commercial	<u>farmland</u>	lacustrine	sand	loam	flow	<u>NA</u>	velocity	<u>NA</u> cm/s	gravel	<u>NA</u>
residential	<u>gully</u>		silt	<u>peat</u>	direction		pools	%	shell	other
hedgerows	<u>floodplain</u>		color	<u>medium brown</u>			riffles	%	sand	

SAMPLE TYPE		DEVICE		SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	kemmerer	ponar	color		pH	
groundwater	sludge	<u>trower</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>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, 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 4%

STORAGE

- wet ice
- dry ice
- ambient

RCRA

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

COMMENTS

FIELD DATA SHEET

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

Chain of Custody No.: 01543

REAC Task Leader: Barry Forsythe

EPA WAM: JoAnn Camacho

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

Date: 2/17/99
Time: 16:50
Samplers: Dan Granz, Rich Fisher, Amanda Day
Site Name: Centredale Manor
Sample Location: CMS-214 MS/MSD

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 N/A
direction
ruffles

STREAM

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

BOTTOM

rock silt
rubble clay
gravel organic
shell other
sand

SAMPLE TYPE

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

DEVICE

kemmerer ponar
trowel other
bucket
auger
ekman

SAMPLE INFORMATION

color
odor
temp N/A
DO
cond

WEATHER PARAMETERS

ambient temp 35°C
barometric pressure
relative humidity
weather conditions cloudy

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

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

RCRA

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

COMMENTS:

MS/MSD

FIELD DATA SHEET

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

Chain of Custody No.: 01543

REAC Task Leader: Barry Farcy Jr

EPA WAM: John Camacho

Work Assignment No. 0347-413-001-3428

Date: 2/17/99
Time: 16:52
Samplers: Dan Grant, Rich Fisher, Amanda Daly
Site Name: Centredale Manor
Sample Location: CMS-215

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	NA	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 35°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 cloudy
soil	other	ekman		cond		tide stage	

ANALYSES TO BE PERFORMED

ORGANICS

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

INORGANICS

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

RCRA

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

OTHER ANALYSES

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

SAMPLE PREPARATION

CONTAINER

- 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

Standing water

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: To Ann Canacho

Work Assignment No.: 03347-143001-3428

Samplers: Dan Granz, Rich Fisher, Amanda Day

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

Time: 11:15 Sample Location: Baptist Church CM-216

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	<u>dark brown & med. 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	trowel	other	odor	ORP	barometric pressure	
potable water	leachate	bucket		temp	<u>NA</u>	relative humidity	
sediment	waste	auger		DO	salinity	weather conditions	<u>Sunny</u>
<u>soil</u>	other	ekman		cond	sample depth		
					tide stage		

ANALYSES TO BE PERFORMED

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

- 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
 - Na₂SO₄
 - other 4°C

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

COMMENTS: Sticked leaf cover
Roots
Burried debris (plastic, linolium).

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

Chain of Custody No.: 01540

Samplers: Dan Granz, Rich Fisher, Amanda Day REAC Task Leader: Barry Forsythe
Date: 2/16/99 Site Name: Centre date Manor EPA WAM: JoAnn Camacho
Time: 11:45 Sample Location: Mills CMS-207 Work Assignment No.: 03347-143-001-342

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 dark brown

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 NA
temp NA
DO
cond

pH
ORP NA
salinity NA
sample depth
tide stage

WEATHER PARAMETERS

ambient temp 50°C
barometric pressure
relative humidity
weather conditions Sunny

ANALYSES TO BE PERFORMED

ORGANICS

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

INORGANICS

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

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 4°C

STORAGE

wet ice
dry ice
ambient

RCRA

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

COMMENTS:

Broken glass.
Wetland grass cover.

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

Chain of Custody No.: 01540

REAC Task Leader: Barry Forsythe

EPA WAM: Jo Ann Camacho

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

Samplers: Dan Granz Rich Fisher, Amanda Daly

Date: 2/16/99

Site Name: Centredale Manor

Time: 11:45

Sample Location: mills CWS 217 dup

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	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	dark brown			riffles	%	sand	

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

ANALYSES TO BE PERFORMED

ORGANICS

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

INORGANICS

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

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

RCRA

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

COMMENTS:

Broken glass.
Wetland grass cover.

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

Chain of Custody No.: 01540

REAC Task Leader: Barry Focsythe

EPA WAM: To Ann Camacho

Work Assignment No.: 03347-143-3428

Date: 2/16/99

Samplers: Dan Granz, Rich Fisher, Amanda Dal

Site Name: Centredale Manor

Time: 12:00 Sample Location: Mills CMS-218

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	<u>sand</u>	loam	flow	<u>NA</u>	velocity	<u>cm/s</u>	gravel	organic
<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 <u>pick axe</u>	odor		ORP	barometric pressure
potable water	leachate	bucket	<u>(to hammer)</u>	temp	<u>NA</u>	salinity	relative humidity
sediment	waste	auger	<u>trowel in</u>	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

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 & rocks
Top 1/2" thawed, frozen underneath for 1"
Grass & plastic debris

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

Chain of Custody No.: 01546
REAC Task Leader: Barry Forsythe
EPA WAM: JoAnn Carracho
Work Assignment No.: 03347-H3-001-3428
Date: 2/16/99 Site Name: Centre dale Manor
Time: 12:10 Sample Location: mills CMS-219
Samplers: Don Granz Rich Fisher, Ananda Datta

SITE DESCRIPTION			SOIL TYPE		SURFACE WATER		STREAM		BOTTOM	
landfill	old field	upland palustrine	<u>rock</u>	clay	color		width		rock	<u>silt</u>
industrial	wooded	lowland riverine	gravel	muck	odor		depth	<u>NA</u>	rubble	<u>NA</u>
<u>commercial</u>	farmland	lacustrine	sand	loam	flow	<u>NA</u>	velocity	<u>NA</u> cm/s	gravel	organic
<u>residential</u>	gully		<u>silt</u>	peat	direction		pools	%	shell	other
hedgerows	floodplain		color	<u>chocolate 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
- esticides/PCB
- PCB
- F. base neutral/acid extractables
- G. pesticides, drinking water
- H. herbicides, drinking water
- I. other drum

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:

Rocks & glass.
Very muddy & wet

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

Chain of Custody No.: 01540

Date: 2/16/99
Time: 9:37
Site Name: Centerville Manor
Sample Location: 41 Sycere St. - CMS-220
Samplers: Dan Granz, Rich Fisher, Amanda Day
REAC Task Leader: Barry Forsythe
EPA WAM: JoAnn Camacho
Work Assignment No.: 03347-143-001-3428

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 dark brown

SURFACE WATER

color
odor N/A
flow
direction

STREAM

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

BOTTOM

rock silt
rubble N/A
gravel organic
shell other
sand

SAMPLE TYPE

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

DEVICE

kemmerer
trowel
bucket
auger
ekman

ponar
other pickaxe
(for hammering)
shovel in

SAMPLE INFORMATION

color
odor N/A
temp
DO
cond

WEATHER PARAMETERS

ambient temp 35°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

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

RLCA

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

COMMENTS: Top 1/2" soil frozen.
Turf on surface

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

Chain of Custody No.: 01540
REAC Task Leader: Barry Forsythe
EPA WAM: JoAnn Carbacho
Work Assignment No.: 03347-143-001-342

Samplers: Dan Gantz, Rich Fisher, Amanda Daly
Date: 2/16/99 Site Name: Chairedale Manor
Time: 10:35 Sample Location: 41 Stevens St. CMS-221

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

SAMPLE TYPE		DEVICE		SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	kammerer	ponar	color		pH	
groundwater	sludge	trowel	other	odor		ORP	
potable water	leachate	bucket		temp	NA	salinity	NA
sediment	waste	auger		DO		sample depth	
soil	other	ekman		cond		tide stage	
						weather conditions	Sunny

ANALYSES TO BE PERFORMED

ORGANICS

A. halogenated & aromatic volatiles

B. volatiles

tri-halomethanes

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:

Leaf cover.

Roots (lots of them)

Top 1/2" frozen.