

US EPA ARCHIVE DOCUMENT

FIELD DATA SHEET

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

Date: 2/17/99 Site Name: Centredale Manor Chain of Custody No.: 01541
Time: 9:43 Sample Location: CMS-015 REAC Task Leader: Barry Forsythe
EPA WAM: JoAnn Camacho
Work Assignment No.: 0347-143 001-3428

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	clay
commercial	farmland	lacustrine	<u>sand</u>	loam	flow		velocity	<u>NA</u> cm/s	gravel	<u>NA</u> organic
residential	gully		silt	peat	direction		pools	%	shell	other
hedgerows	<u>floodplain</u>		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	
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>35°C</u>
						barometric pressure	
						relative humidity	
						weather conditions	<u>cloud</u>

ANALYSES TO BE PERFORMED

ORGANICS

- A. alogenated & 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 4°C
other

COMMENTS

Washed from road.

FIELD DATA SHEET

21198

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

Chain of Custody No.: 01541

REAC Task Leader: Barry Forsythe

EPA WAM: JoAnn Calmacho

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

Date: 2/17/99 Site Name: Centredale Manor
Time: 9:55 Sample Location: CMS-016

SITE DESCRIPTION

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

SOIL TYPE

rock clay
gravel muck
sand loam
silt peat
color

SURFACE WATER

color
odor NA
flow NA
direction

STREAM

width
depth NA
velocity cm/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 NA
temp NA
DO
cond

WEATHER PARAMETERS

pH
ORP NA
salinity NA
sample depth
tide stage
ambient temp 35°C
barometric pressure
relative humidity
weather conditions cloudy

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

PRESERVATIVES

- HNO₃
NaOH
Zn Acetate
HCl
Na₂SO₄
other 4°C

STORAGE

- wet ice
dry ice
ambient

COMMENTS

froze
roots & peat

FIELD DATA SHEET

21162

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

Date: 2/17/99 Time: 1005 Site Name: Centredale Manor Sample Location: CD-5-017
Sampplers: Don Granz, Beth Deabury, Amanda Davis, Rich Fisher
Chain of Custody No.: 01541
REAC Task Leader: B. Forsythe
EPA WAM: J. 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	<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	floodplain		color				riffles	%	sand	

SAMPLE TYPE		DEVICE		SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	kemmerer	ponar	color		pH	ambient temp <u>43°F</u>
groundwater	sludge	<u>trowel</u>	other	odor	<u>NA</u>	ORP	barometric pressure
potable water	leachate	bucket		temp		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: 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:

Depositional silt area

FIELD DATA SHEET

21163

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

Samplers: Dan Gratz, Amanda Daly
Date: 2/7/99 Site Name: Centredale Manor Chain of Custody No.: 01539
Time: 1016 Sample Location: CMS-018 REAC Task Leader: B Forsythe
EPA WAM: J 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	<u>NA</u>	rubble	clay
commercial	farmland	lacustrine	sand	loam	flow		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	kemmerer	ponar	color		pH	
groundwater	sludge	trowel	other	odor	<u>NA</u>	ORP	<u>NA</u>
potable water	leachate	bucket		temp		salinity	
sediment	waste	auger		DO		sample depth	
soil	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

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

STORAGE

- wet ice
dry ice
ambient

PRESERVATIVES

- HNO₃
Zn Acetate
HCl
Na₂SO₄
other 40C

COMMENTS

Depositional area

FIELD DATA SHEET

21164

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

Both Debbay, Rich Fiskur
Date: 3/19/99
Time: 1026
Samplers: Amanda Daly, Dan Grantz
Site Name: Centredale Manor
Sample Location: CMS-019
Chain of Custody No.: 01539
REAC Task Leader: B Forsythe
EPA WAM: J Camacho
Work Assignment No.: 13347-143-001-3428

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	N/A	depth	N/A	rubble	N/A
commercial	farmland	lacustrine	sand	loam	flow		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	43°F
groundwater	sludge	trowel	other	odor	ORP	barometric pressure	
potable water	leachate	bucket		temp	salinity	relative humidity	
sediment	waste	auger		DO	sample depth	weather conditions	cloudy
soil	other	ekman		cond	tide stage		

ANALYSES TO BE PERFORMED

ORGANICS

- halogenated & aromatic volatiles
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: K₂Cr₂O₇

COMMENTS

old depositional area

FIELD DATA SHEET

21165

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

Chain of Custody No.: 01539
REAC Task Leader: B Forsythe
EPA WAM: _____
Work Assignment No.: _____

Date: 2/17/99 Site Name: Centredale Manor Grav 2
Time: 1035 Sample Location: CMS-020

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

SOIL TYPE
rock clay
gravel muck
sand loam
silt peat
color _____

SURFACE WATER
color _____
odor NA
flow NA
direction _____

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

BOTTOM
rock silt
rubble NA
gravel NA
shell other _____
sand

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

DEVICE
Kimmerer
trowel
bucket
auger
ekman

SAMPLE INFORMATION
color _____
odor NA
temp NA
DO _____
cond _____

WEATHER PARAMETERS
pH _____
ORP NA
salinity NA
sample depth _____
tide stage _____

ambient temp 43°F
barometric pressure _____
relative humidity _____
weather conditions CLOUDY

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 40C
other _____

COMMENTS

no peat

FIELD DATA SHEET

21166

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

Chain of Custody No.: 01539
REAC Task Leader: B Forseth
EPA WAM: J Camacho
Work Assignment No.: 03347-143-001-3428

Beth Dabney
Date: 2/17/99 Samplers: Amanda Daly, Rich Fisher, Dan
Site Name: Centredale Manor
Time: 1041 Sample Location: CMS-021

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

SAMPLE TYPE		DEVICE		SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	kemmerer	ponar	color	pH	ambient temp	<u>44°F</u>
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		<u>cloudy</u>

ANALYSES TO BE PERFORMED

ORGANICS

- A. halogenated & aromatic volatiles
F. 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

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

Na₂SO₄other 40C

STORAGE

- wet ice
dry ice
ambient

RCRA

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

COMMENTS

Depositional area

FIELD DATA SHEET

21167

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

Date: 2/19/99 Time: 1041
 Chain of Custody No.: 01539
 REAC Task Leader: B. Forsythe
 EPA WAM: J. Camacho
 Work Assignment No.: 03347-143-001-3428
 Samplers: Dan Grazz, Beth Deabau, Rich Fisker, Amanda Daly
 Site Name: _____
 Sample Location: CMS-021 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	<u>NA</u>	depth	_____	rubble	clay
commercial	farmland	lacustrine	sand	loam	flow	_____	velocity	<u>NA</u> cm/s	gravel	organic
residential	gully		silt	peat	direction	_____	pools	_____ %	shell	other
hedgerows	<u>floodplain</u>		color	<u>dark brown</u>			riffles	_____ %	sand	

SAMPLE TYPE		DEVICE		SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	<u>kemmerer</u>	ponar	color	_____	pH	_____
groundwater	sludge	<u>trowel</u>	other	odor	<u>NA</u>	ORP	<u>NA</u>
potable water	leachate	<u>bucket</u>		temp	_____	salinity	_____
sediment	waste	<u>auger</u>		DO	_____	sample depth	_____
soil	other	<u>ekman</u>		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 DOXIN

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 40C

STORAGE

- wet ice
- dry ice
- ambient

COMMENTS

Depositional area