

US EPA ARCHIVE DOCUMENT

FIELD DATA SHEET

21169

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

Date: 2/19/99 Site Name: Centredale Manor
Time: 1050 Sample Location: CMS-022
Samplers: Rich Fisher Beth Debay
Amanda Day Dan Granz

Chain of Custody No.: 01539
REAC Task Leader: B Forbille
EPA WAM: N Comack
Work Assignment No.: B347-143-001-3428

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

SAMPLE TYPE		DEVICE		SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	kempner	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	
soil	other	ekman		cond		tide stage	
						weather conditions	<u>CLOUDY</u>

ANALYSES TO BE PERFORMED

ORGANICS

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

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

Erosion area
mostly gravel/some roots

FIELD DATA SHEET

21170

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

Rich Fisher, Dan Granz
Date: 2/17/99 Samplers: Beth DeBruin, Amanda Daly Chain of Custody No.: 01539
Time: 11:00 Site Name: Centredale Manor REAC Task Leader: B Forsythe
Sample Location: CMS-023 NS/MSD EPA WAM: J Carmacho
Work Assignment No.: 03347-143-001-3478

SITE DESCRIPTION			SOIL TYPE		SURFACE WATER		STREAM		BOTTOM	
landfill	old field	upland palustrine	rock	clay	color		width		rock	silt
industrial	wooded	lowland riverine	gravel	mucl	odor	<u>NA</u>	depth	<u>NA</u>	rubble	<u>NA</u>
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>med. brown</u>			riffles	%	sand	

SAMPLE TYPE		DEVICE		SAMPLE INFORMATION		WEATHER PARAMETERS	
surface water	effluent	<u>kammerer</u>	ponar	color		pH	ambient temp <u>46.0 F</u>
groundwater	sludge	<u>trowel</u>	other	odor	<u>NA</u>	ORP	barometric pressure
potable water	leachate	<u>bucket</u>		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</u>

ANALYSES TO BE PERFORMED

ORGANICS

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

INORGANICS

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

RCRA

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

COMMENTS

Act in depositional area.

FIELD DATA SHEET

21171

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

Date: 2/17/99 Site Name: Centredale
Time: 1108 Sample Location: CMS-024
Samplers: Dan Granz, Beth Deabay
Rich Fisher, Amanda Daly

Chain of Custody No.: 01539
REAC Task Leader: B Forsythe
EPA WAM: L Camacho
Work Assignment No.: 03347-143-001-3425

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	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 <u>46.9</u>
groundwater	sludge	<u>trowel</u>	other	odor	<u>NA</u>	ORP	barometric pressure
potable water	leachate	bucket		temp	<u>NA</u>	salinity	relative humidity
sediment	waste	auger		DO		sample depth	weather conditions <u>cloudy</u>
soil	other	ekman		cond		tide stage	

ANALYSES TO BE PERFORMED

ORGANICS

- A. 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 TOXIN

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 400

RCRA

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

COMMENTS

Frozen silt
w/ little sand
marginal depositional area

FORM #1

FIELD DATA SHEET

21172

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

Both Dear Bay
Date: 2/17/99 Samplers: Dan Grant, Amanda Daly, Rich FSW
Site Name: Centredale Manor
Time: 1114 Sample Location: CMS-025 MS/MSD
Chain of Custody No.: 01539
REAC Task Leader: B Forsythe
EPA WAM: J Camacho
Work Assignment No.: 03347-143-DD1-372B

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	depth	rubble <u>clay</u>
commercial	farmland	lacustrine	sand loam	flow	velocity	gravel <u>NA</u> organic
residential	gully		silt peat	direction	pools	shell other
hedgerows	floodplain		color <u>brown</u>		riffles	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	

ANALYSES TO BE PERFORMED

ORGANICS

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

INORGANICS

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

RCRA

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

OTHER ANALYSES

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

CONTAINER

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

STORAGE

- wet ice
- dry ice
- ambient

PRESERVATIVES

- HNO₃
- NaOH
- Zn Acetate
- HCl
- Na₂SO₄
- other APC

COMMENTS

Depositional
Area

FIELD DATA SHEET

21077

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

Date: 16 Feb 99 Site Name: Cantredale Manor Chain of Custody No.: 01554
Time: 09:30 Sample Location: CMS-026 REAC Task Leader: B. Forsythe
EPA WAM: J. Camacho
Work Assignment No.: 3428

SITE DESCRIPTION			SOIL TYPE		SURFACE WATER		STREAM		BOTTOM	
landfill	old field	upland palustrine	rock	clay	color		width		rock	silt
industrial	wooded	lowland riverine	gravel	muck	odor	<u>NA</u>	depth		rubble	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				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	<u>NA</u>	weather conditions	
<u>soil</u>	other	ekman		cond		<u>clear cold</u>	

ANALYSES TO BE PERFORMED

ORGANICS

- A. 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 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

STORAGE

- wet ice
dry ice
ambient

PRESERVATIVES

- HNO₃
NaOH
Zn Acetate
HCl
Na₂SO₄
other 4°C

COMMENTS

Ground was frozen

FIELD DATA SHEET

21078

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

Chain of Custody No.: 01554
REAC Task Leader: B. Farsythe
EPA WAM: J. Camacho
Work Assignment No.: 3428
Date: 16 Feb 99 Site Name: Centre de la Manor
Time: 0940 Sample Location: CMS-037/MS/MSD
Samplers: Pete Kudamuskas

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>NA</u>	odor <u>NA</u>	depth <u>NA</u>	rubble <u>NA</u>
commercial	farmland	lacustrine	sand <u>NA</u>	flow <u>NA</u>	velocity <u>NA</u> cm/s	gravel <u>NA</u>
<u>residential</u>	gully		silt peat	direction	pools %	shell other
hedgerows	floodplain		color		riffles %	sand

SAMPLE TYPE	DEVICE	SAMPLE INFORMATION	WEATHER PARAMETERS
surface water	effluent	color	ambient temp
groundwater	sludge	odor	barometric pressure
potable water	leachate	temp <u>NA</u>	relative humidity
<u>sediment</u>	waste	DO <u>NA</u>	weather conditions
soil	other	cond	tide stage <u>Clear, 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 Dioxin

INORGANICS

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

RCRA

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

OTHER ANALYSES

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

SAMPLE PREPARATION

CONTAINER

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

NaOH

PRESERVATIVES

HNO₃

Zn Acetate

HCl

Na₂SO₄other 4%

STORAGE

- wet ice
- dry ice
- ambient

COMMENTS

An slope by bridge

MS/MSD

FIELD DATA SHEET

21079

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

Chain of Custody No.: 01554
REAC Task Leader: B. Forsythe
EPA WAM: J. Camacho
Work Assignment No.: 3422

Date: 16 Feb 99 Samplers: Pete Kudavuskas
Site Name: Centredale Manor
Time: 0945 Sample Location: CMS-028

SITE DESCRIPTION			SOIL TYPE		SURFACE WATER		STREAM		BOTTOM	
landfill	old field	upland palustrine	rock	clay	color		width		rock	silt
industrial	wooded	lowland riverine	gravel	muck	odor	<u>NA</u>	depth	<u>NA</u>	rubble	clay
commercial	farmland	lacustrine	sand	<u>loam</u>	flow	<u>NA</u>	velocity	cm/s	gravel	organic
<u>residential</u>	<u>quality</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		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>Clear, Cold</u>

ANALYSES TO BE PERFORMED

ORGANICS

- A. 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 NA
C. metals, soil (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 4°C

STORAGE

- wet ice
dry ice
ambient

RCRA

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

COMMENTS

By base of tree, moved off of mulch circle.

FIELD DATA SHEET

21080

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

Chain of Custody No.: 01554
 REAC Task Leader: B. Forsythe
 EPA WAM: J. Camacho
 Work Assignment No.: 3428
 Date: 16 Feb 99 Site Name: Centredale Manor
 Time: 0950 Sample Location: CMS-029
 Samplers: Peter Kudavauskas

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	<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>power</u>	other	odor	ORP	barometric pressure	
potable water	leachate	bucket		temp	salinity	relative humidity	
sediment	waste	auger		DO	sample depth	weather conditions	
<u>soil</u>	other	ekman		cond	tide stage	<u>Clear, 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 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

By sidurak