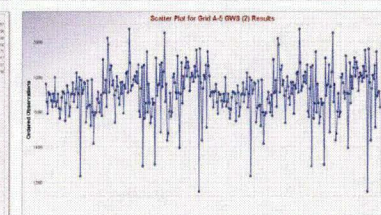
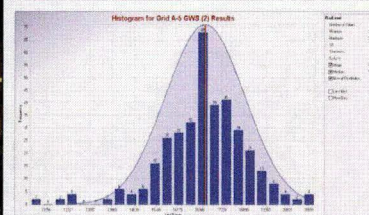
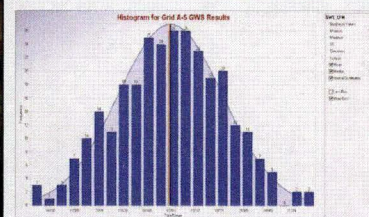
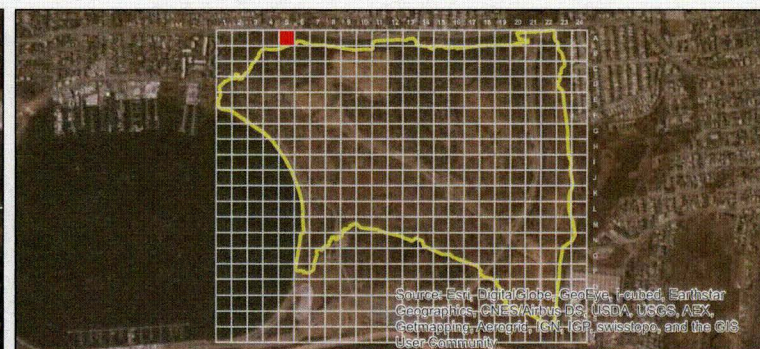
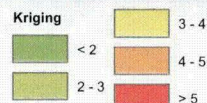
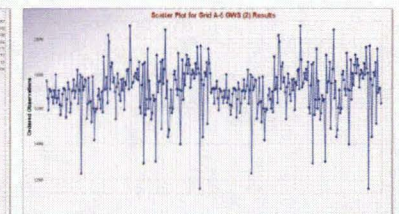
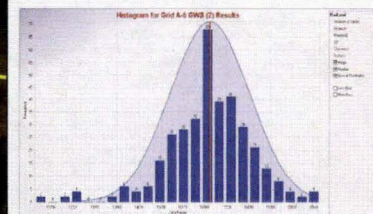
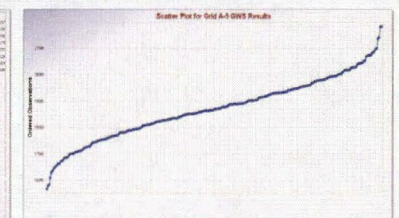
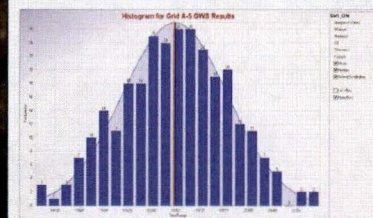
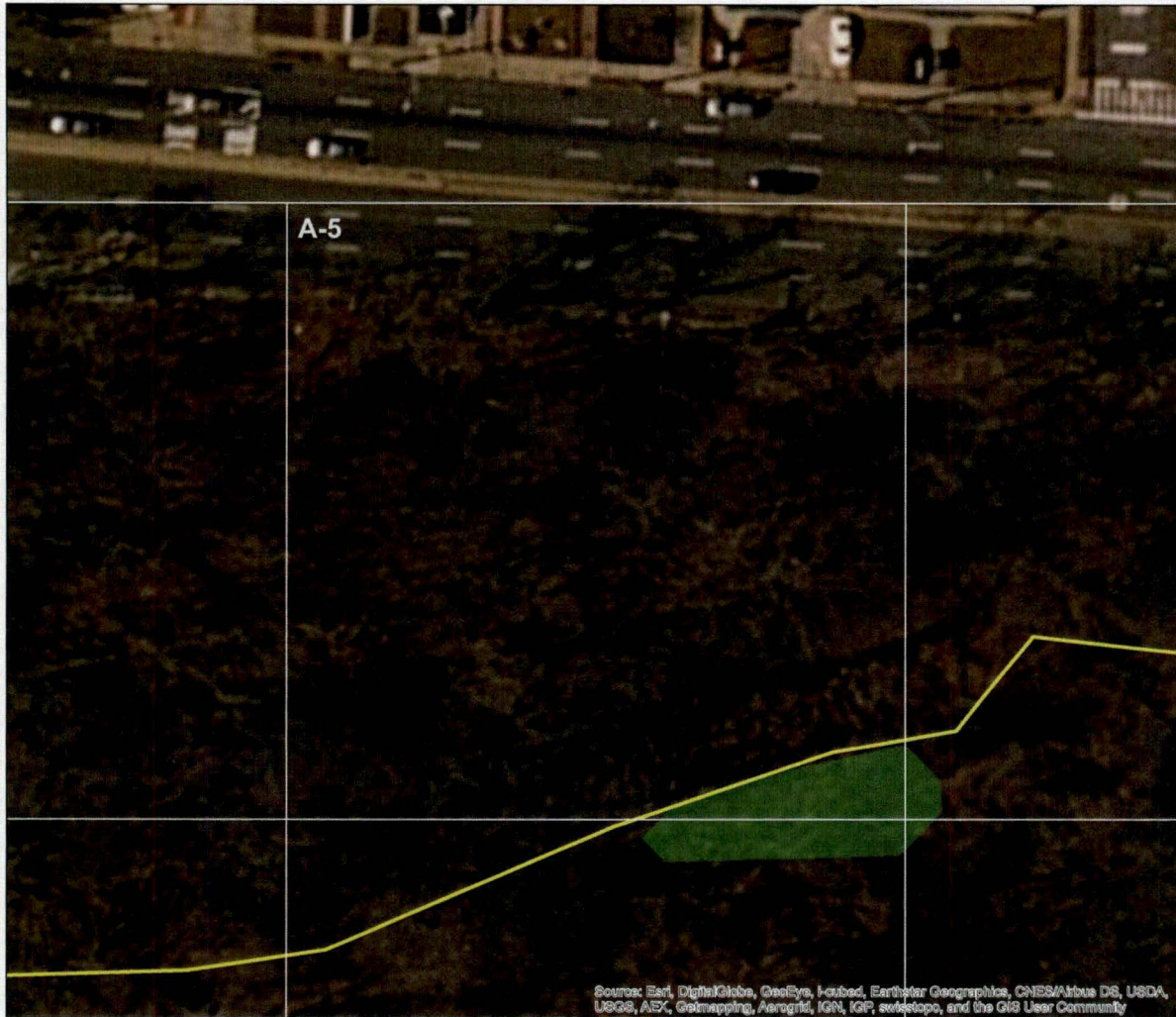


Legend

- Grid Cell
- TCRA Investigation Boundary



Grid Cell A-5 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	June 2014



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

2 - 3

3 - 4

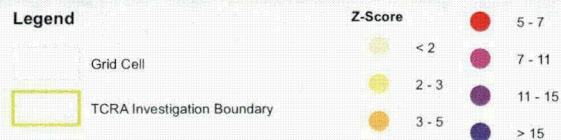
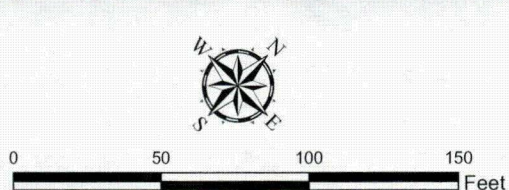
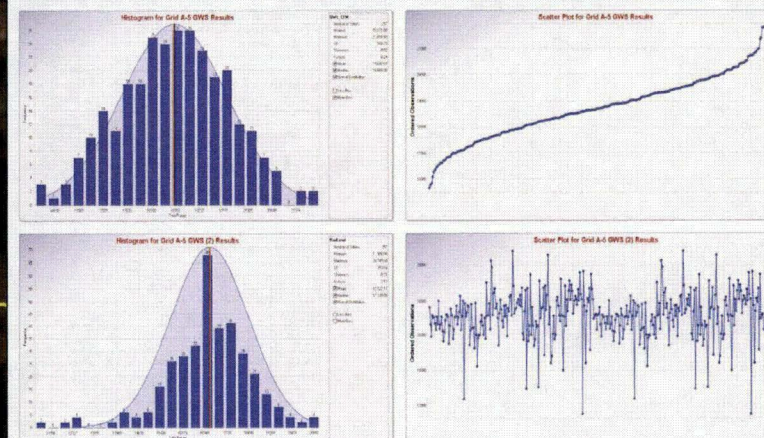
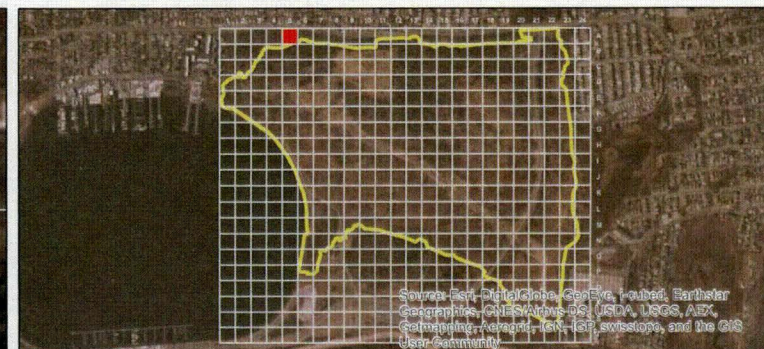
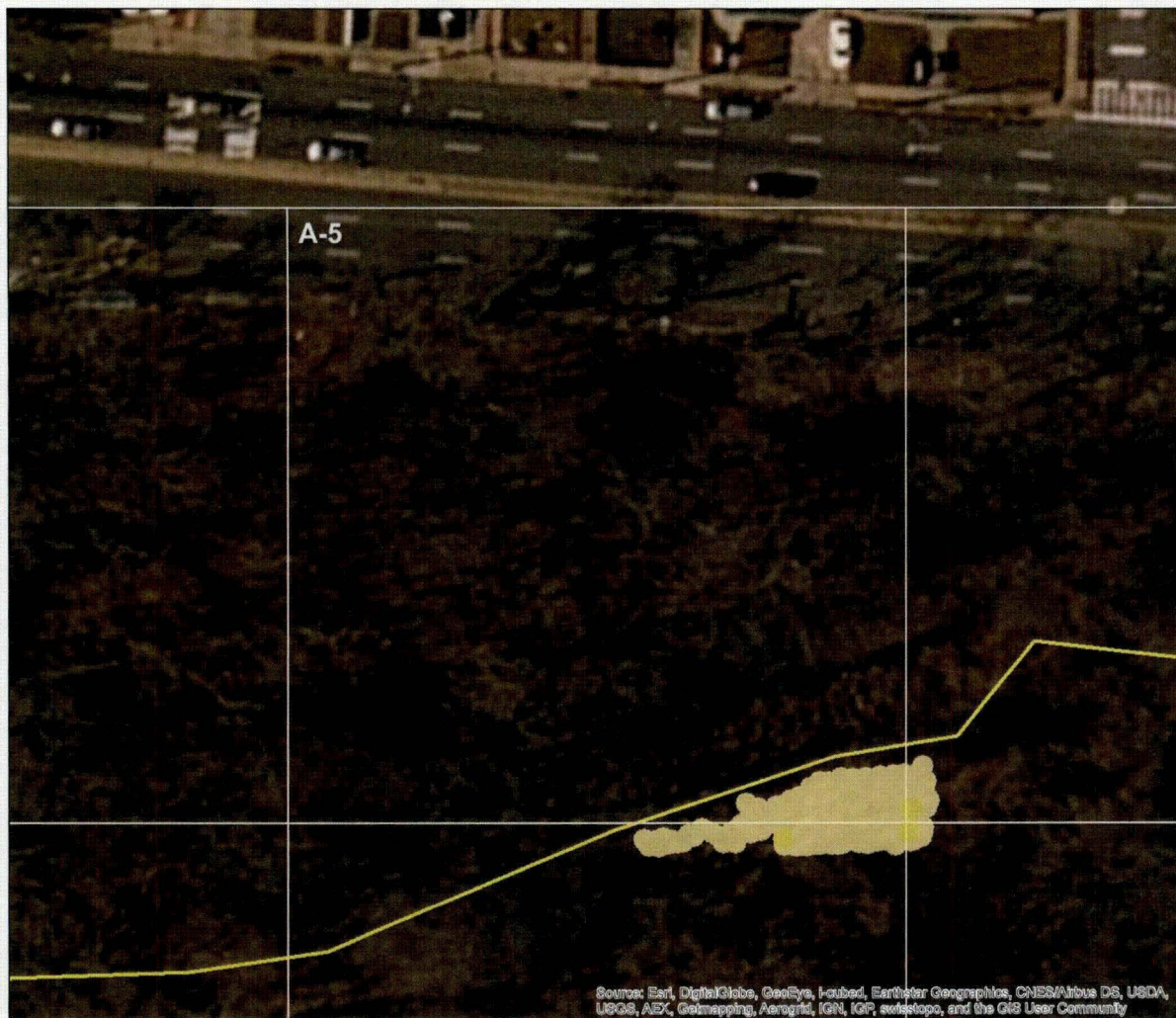
4 - 5

> 5

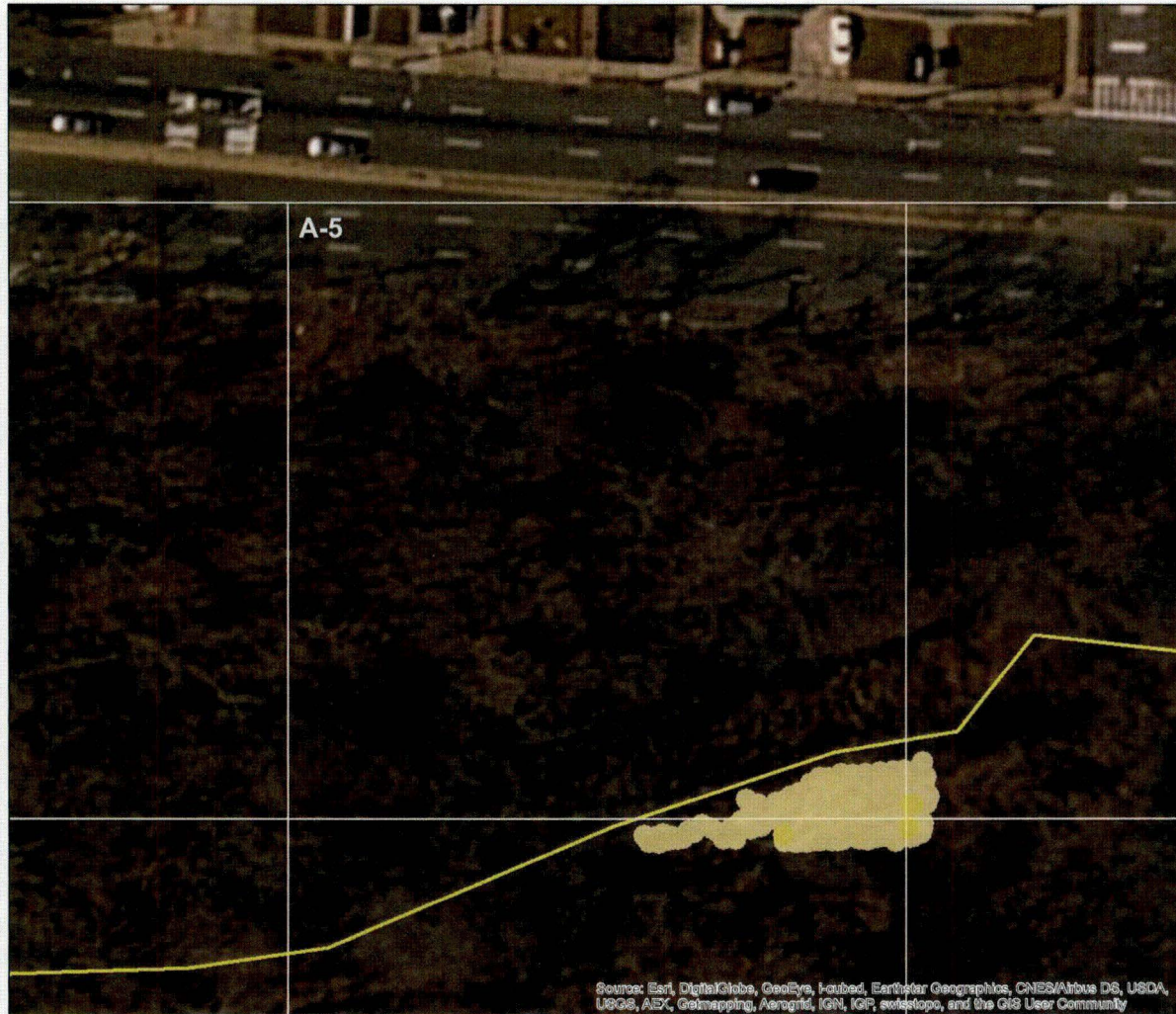


0 50 100 150 Feet

Grid Cell A-5 Kriging		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014



Grid Cell A-5 Z-Score		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014
CG		

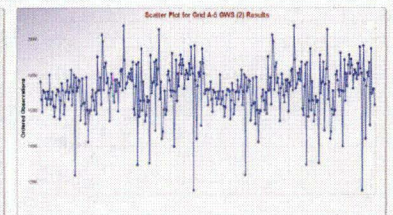
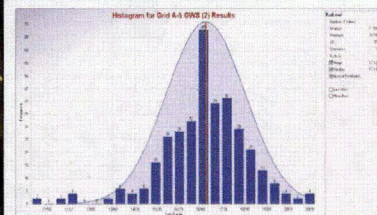
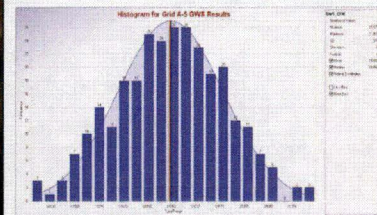
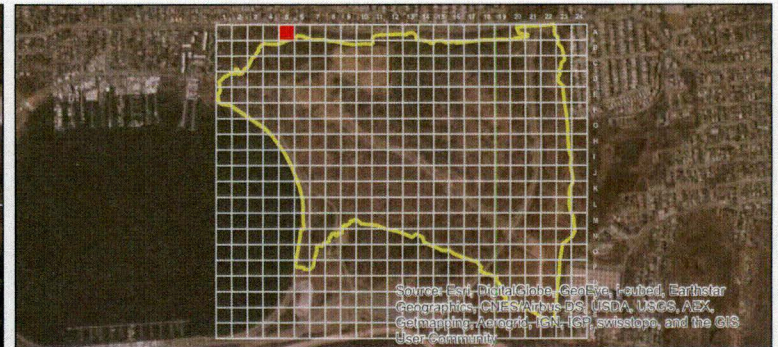
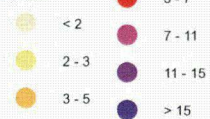




Legend

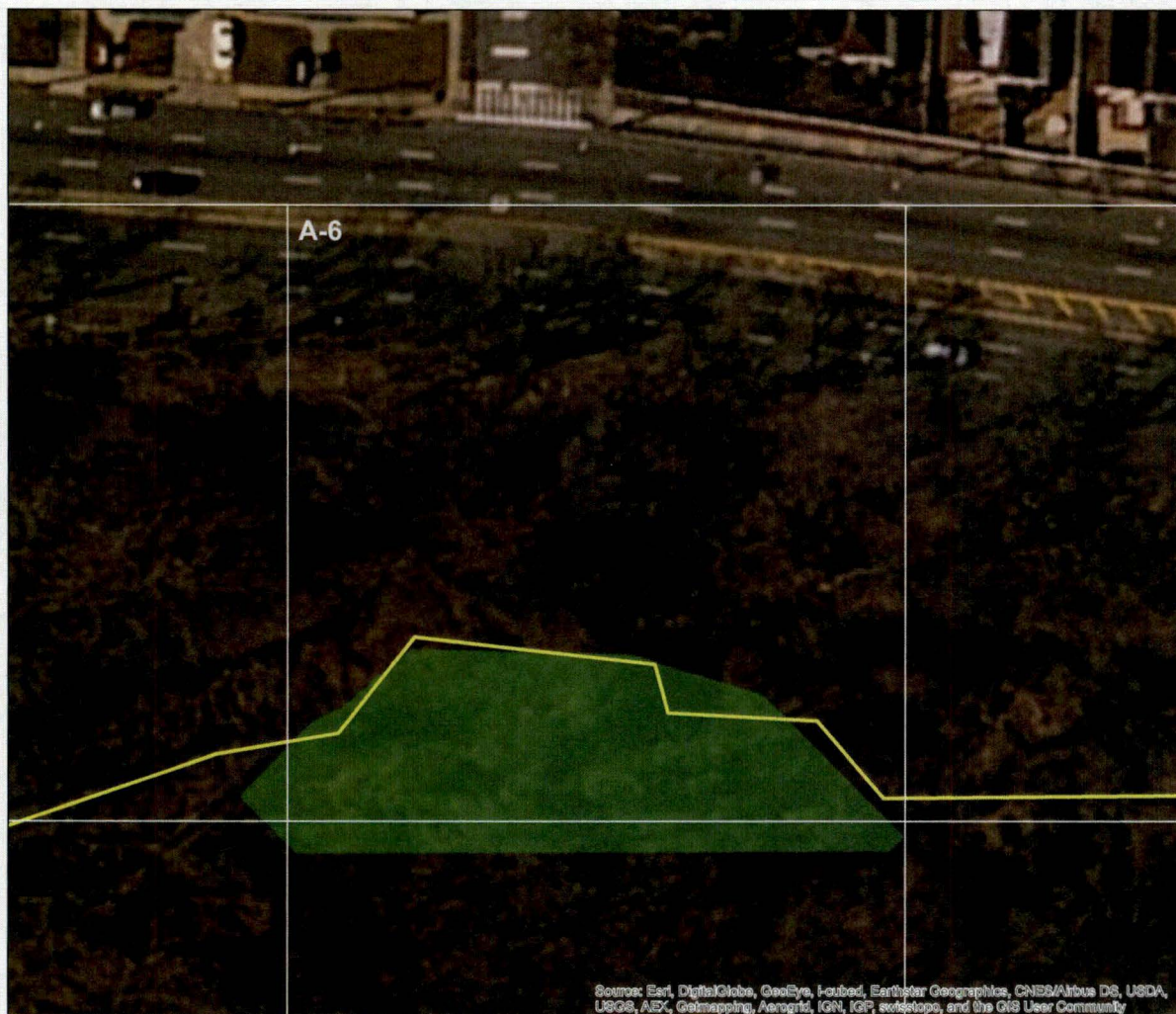
Grid Cell

TCRA Investigation Boundary

Z-Score



			U.S. Army Corps of Engineers Philadelphia District
TIDEWATER INC PAPERWORK • DESIGN • PROJECT MANAGEMENT			
Grid Cell A-5 Z-Score			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY		Figure #
DRAWN BY JHG			
CHECKED BY CG			
Contract No: W92BU-13-C-0010			
		June 2014	



Legend

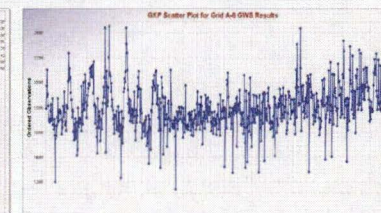
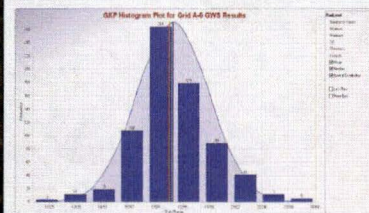
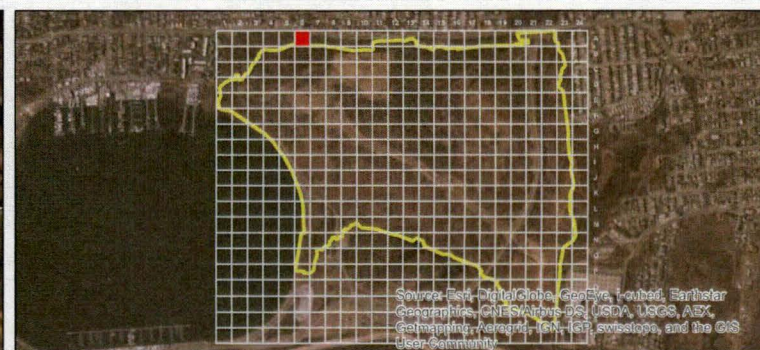
- Grid Cell
- TCRA Investigation Boundary

Kriging

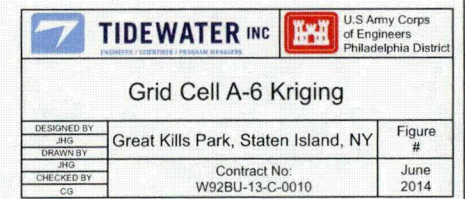
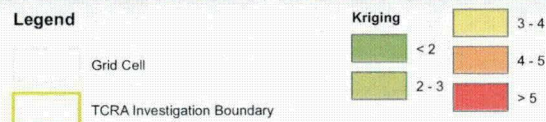
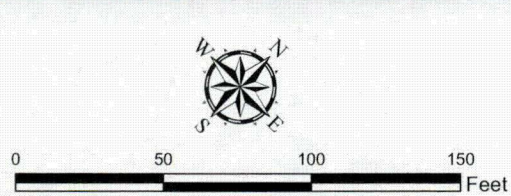
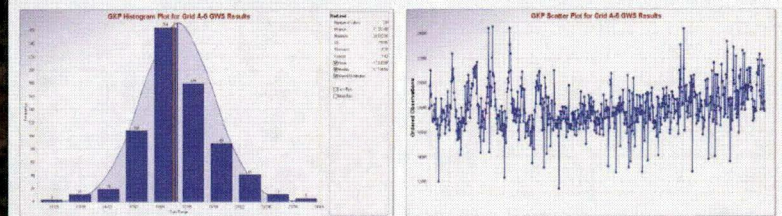
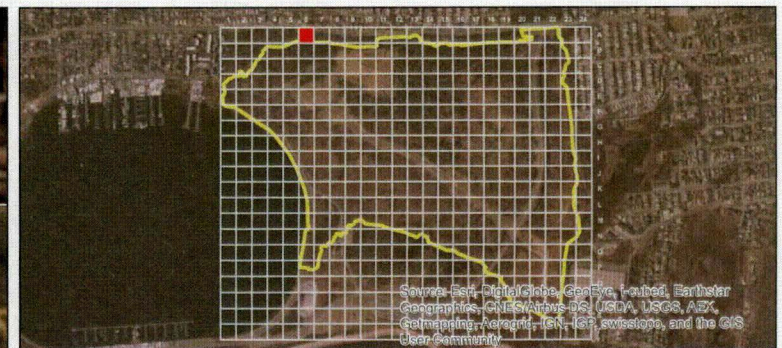
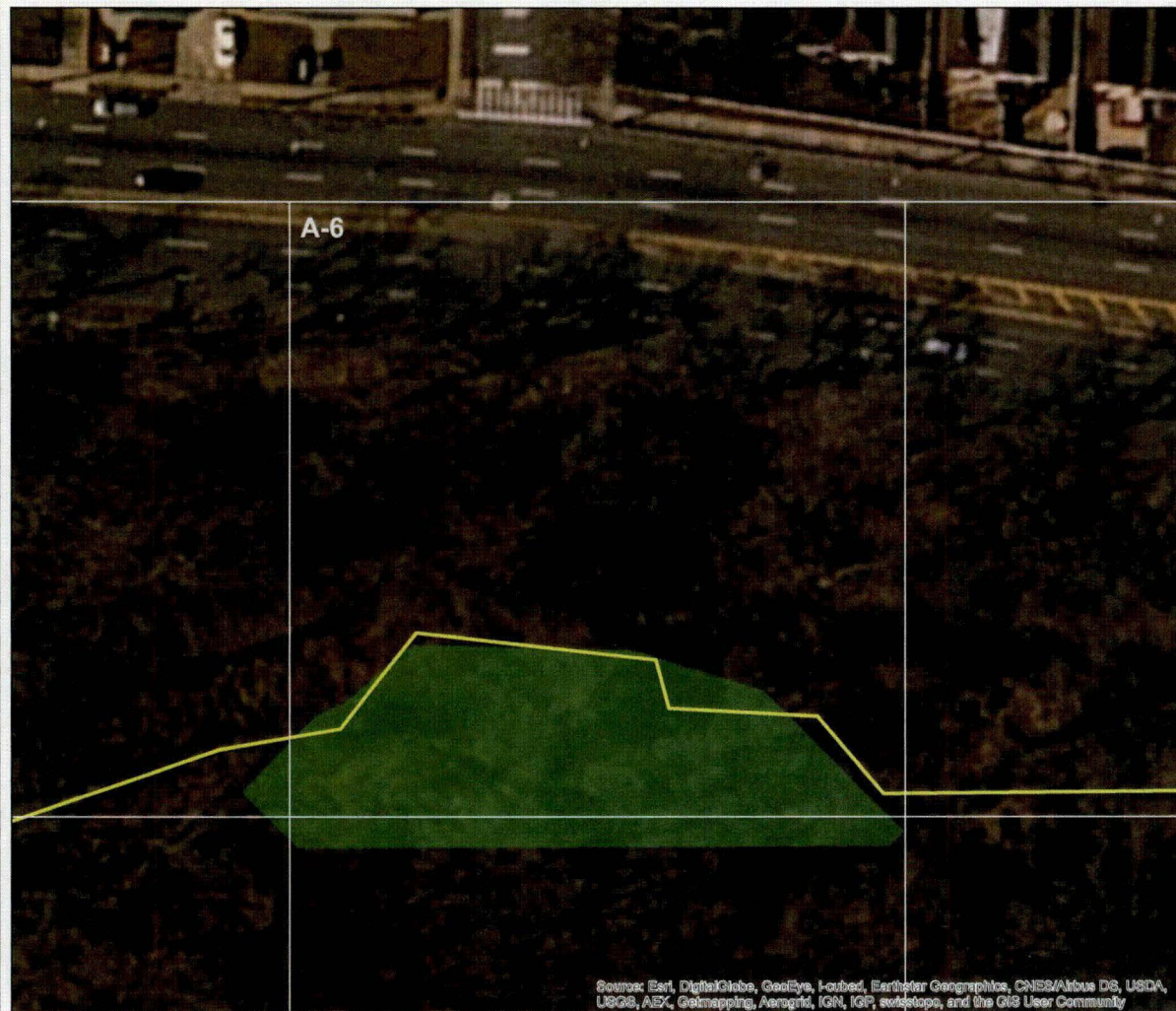
- < 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

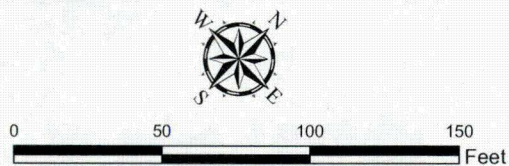
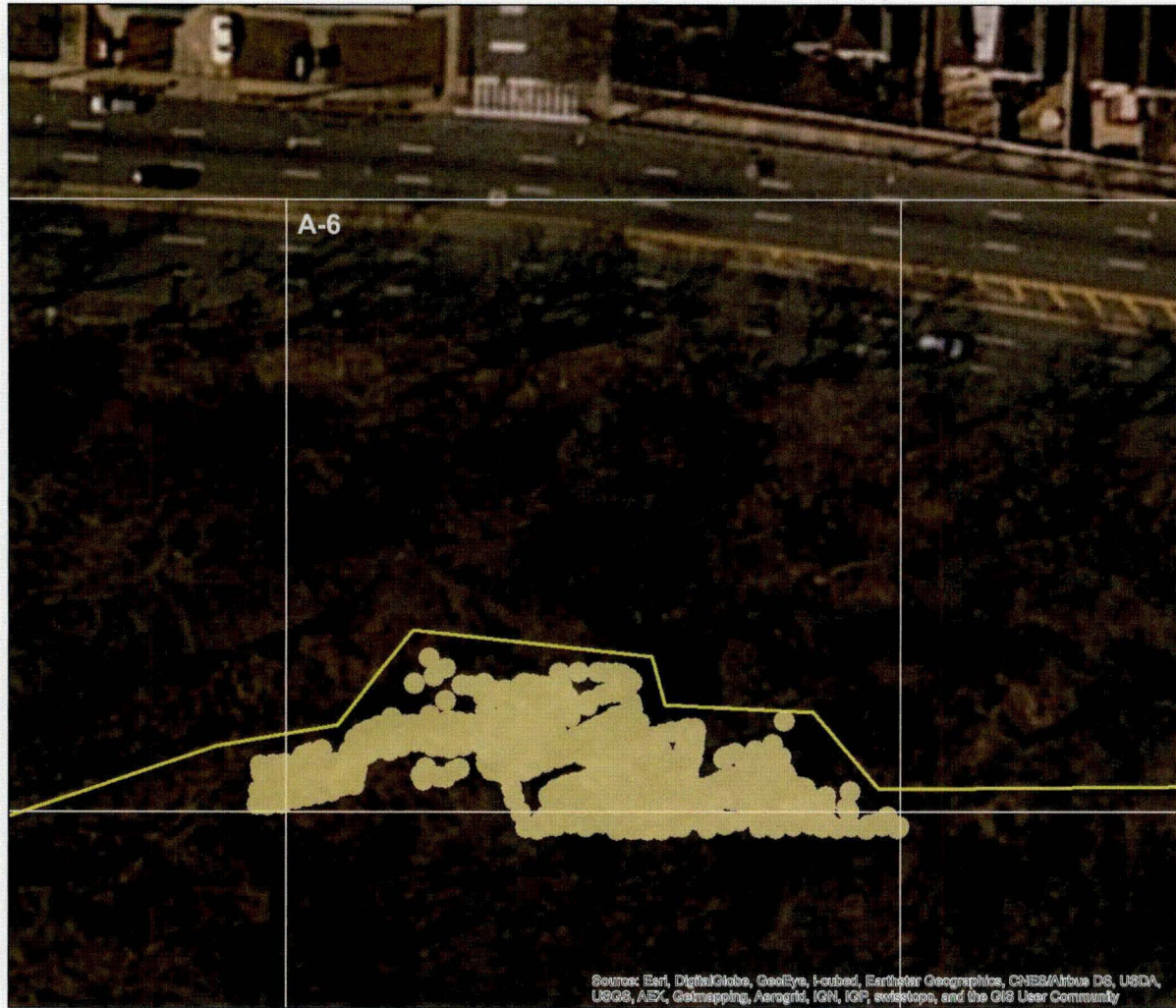


0 50 100 150 Feet



Grid Cell A-6 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	June 2014



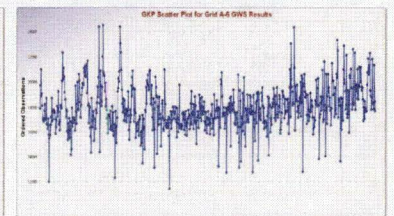
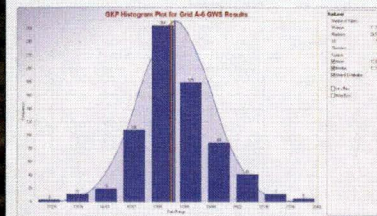
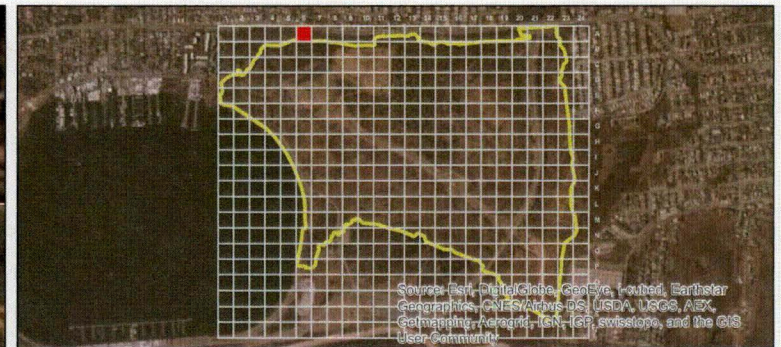


Legend

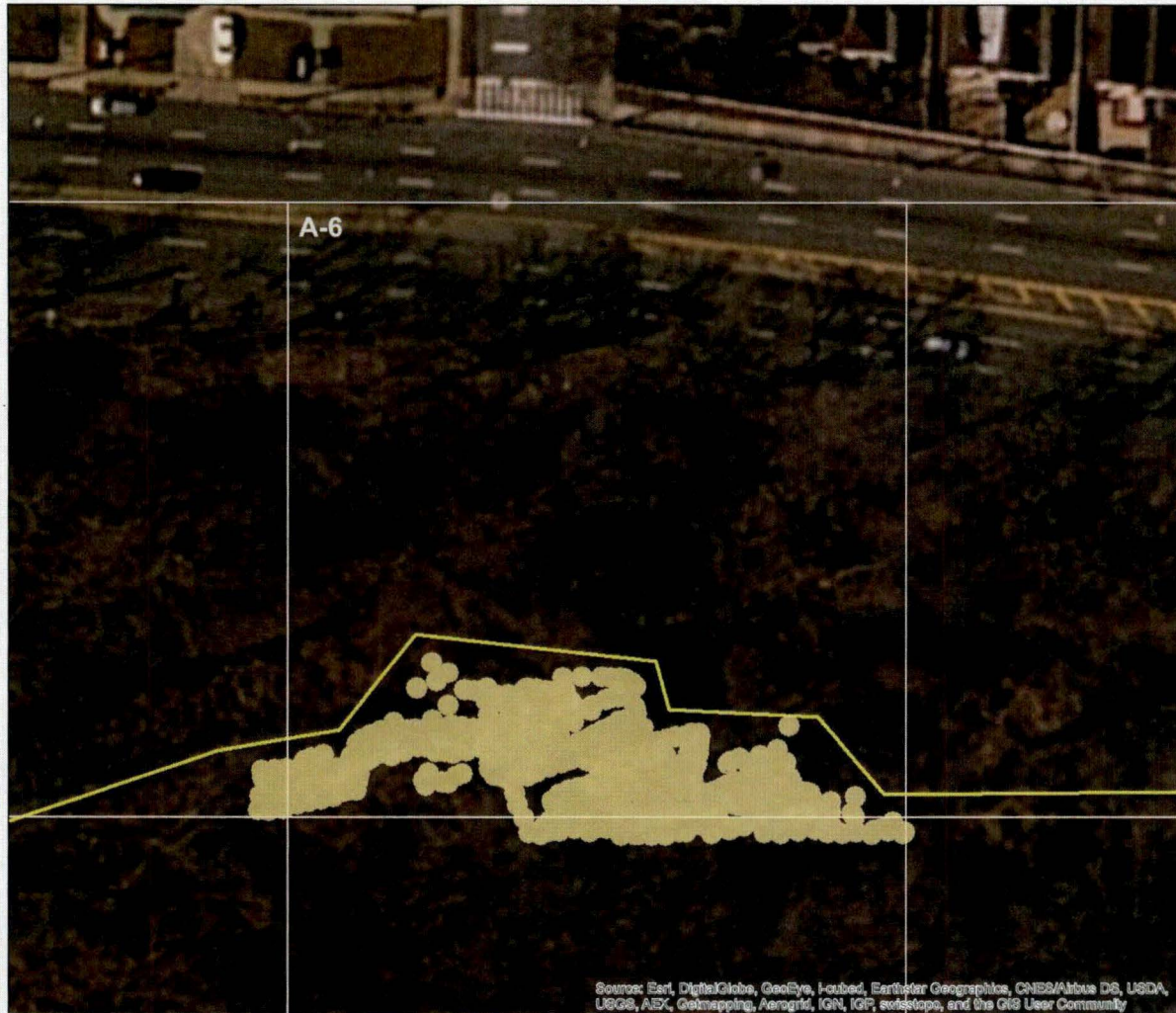
- Grid Cell
- TCRA Investigation Boundary

Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



Grid Cell A-6 Z-Score		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014



Legend

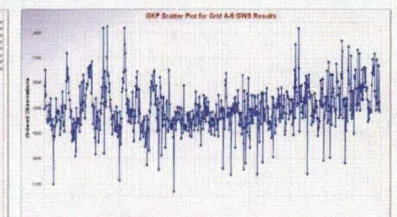
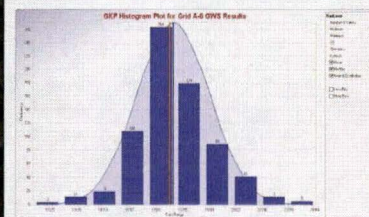
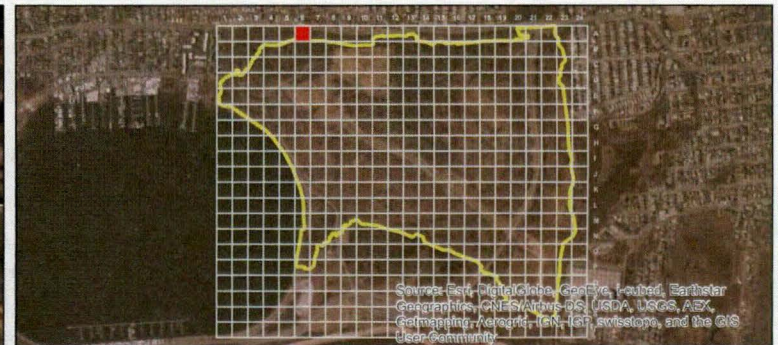
- Grid Cell
- TCRA Investigation Boundary

Z-Score

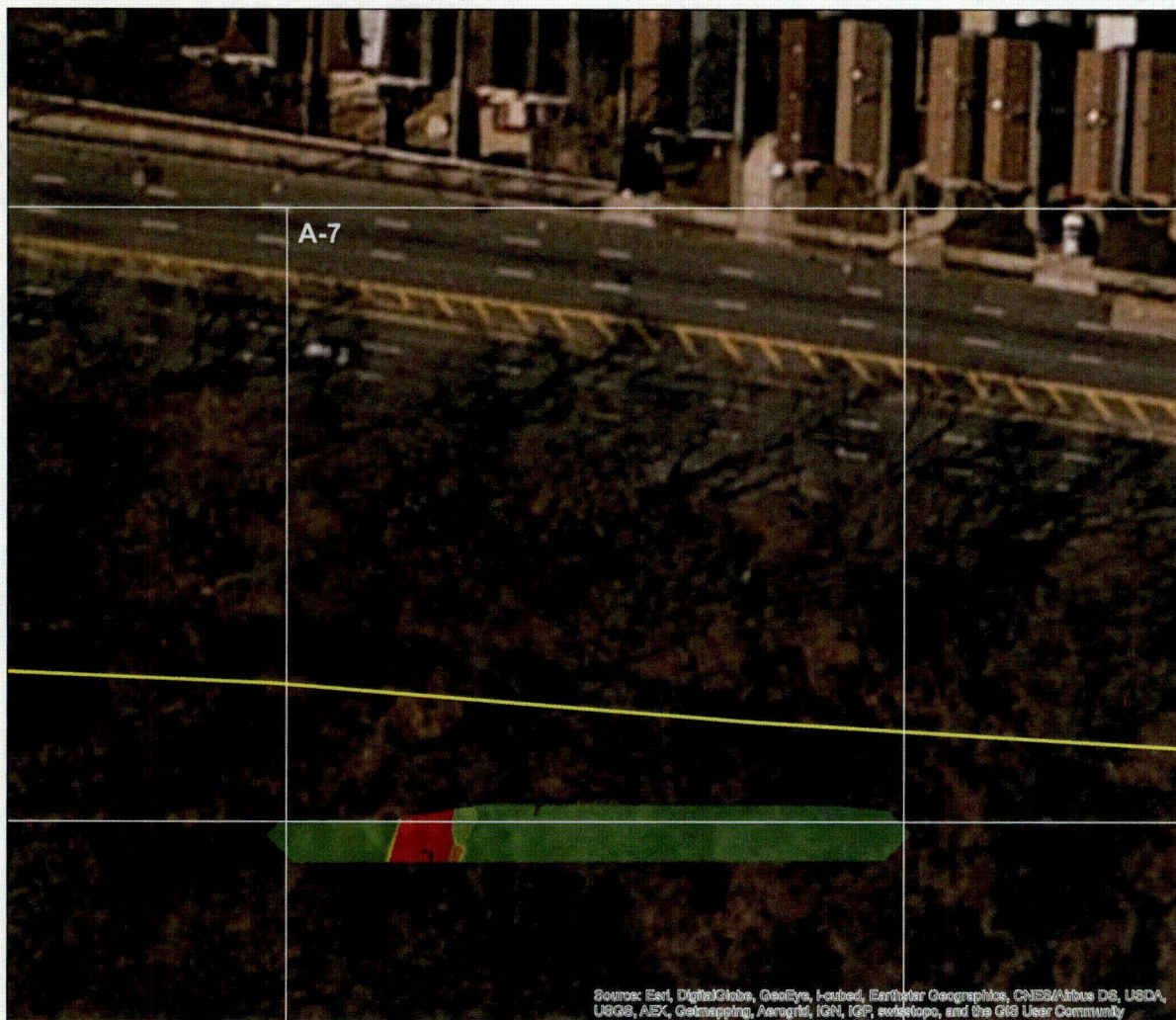
- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



0 50 100 150 Feet



Grid Cell A-6 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	June 2014

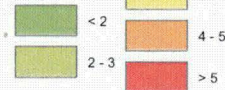


Legend

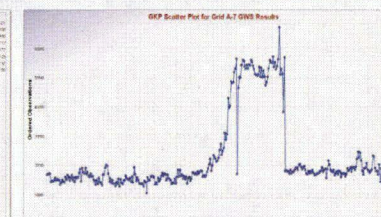
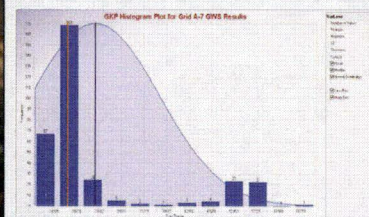
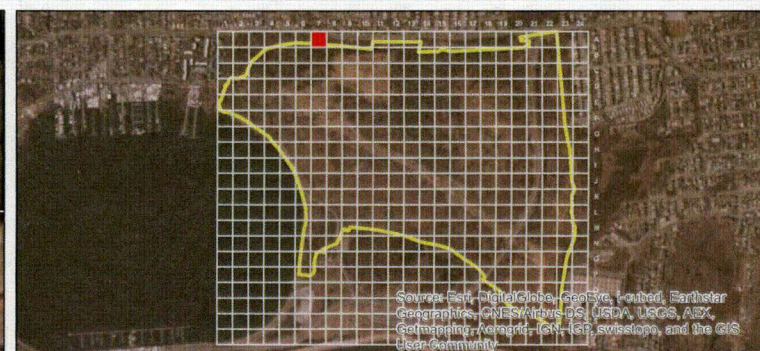
Grid Cell



TCRA Investigation Boundary

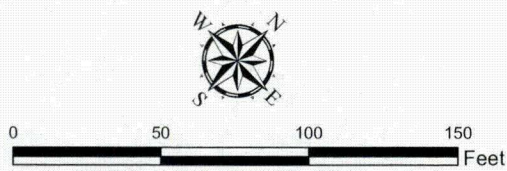
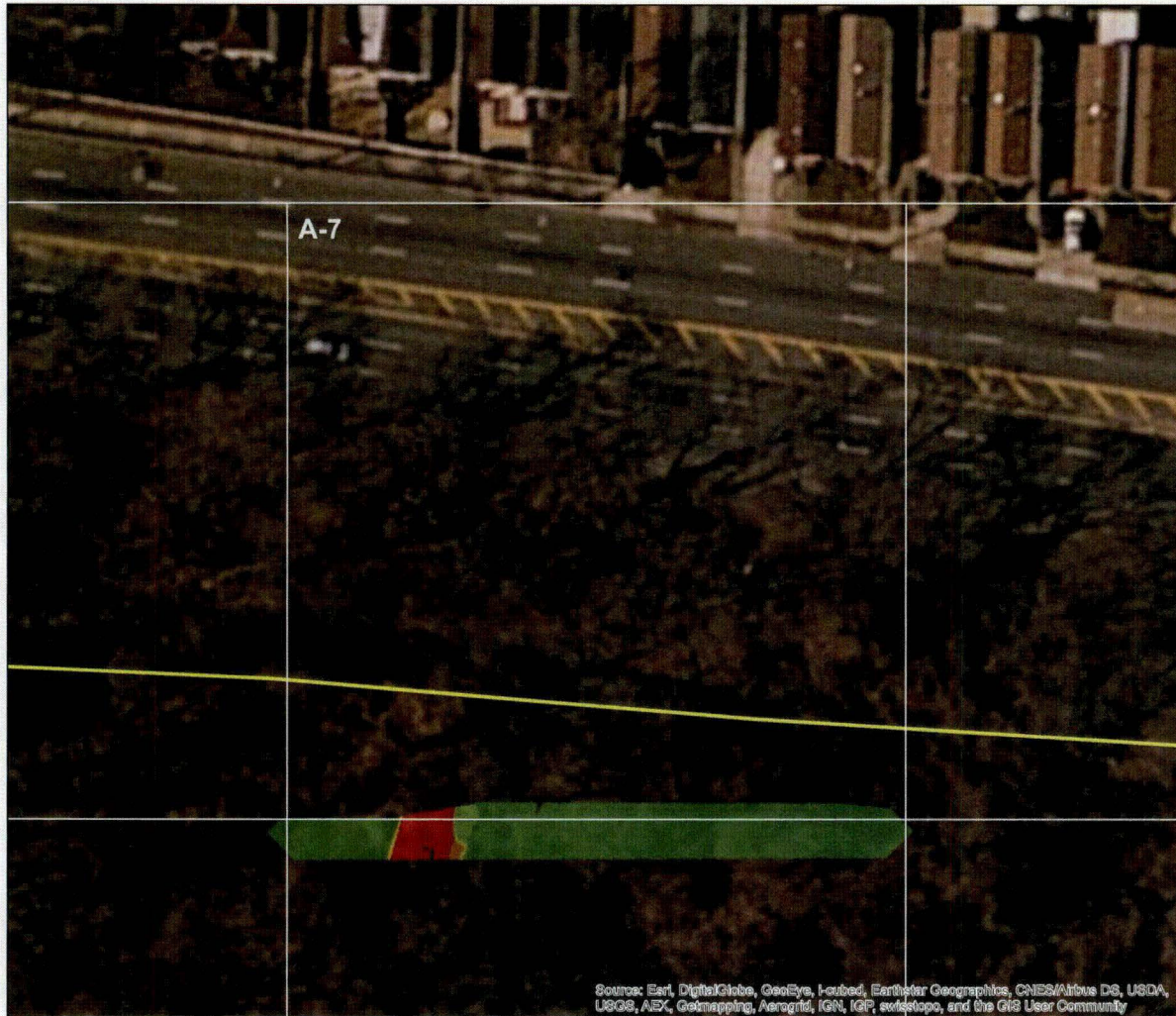
Kriging



0 50 100 150 Feet



	TIDEWATER INC ENGINEERS • CONSULTANTS • PROGRAM MANAGERS		U.S. Army Corps of Engineers Philadelphia District
<h1>Grid Cell A-7 Kriging</h1>			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY		Figure #
DRAWN BY JHG			
CHECKED BY CG	Contract No: W92BU-13-C-0010		May 2014



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

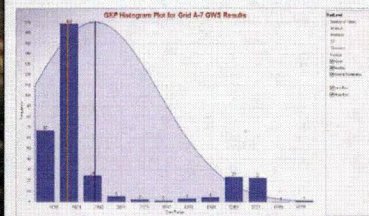
< 2

2 - 3

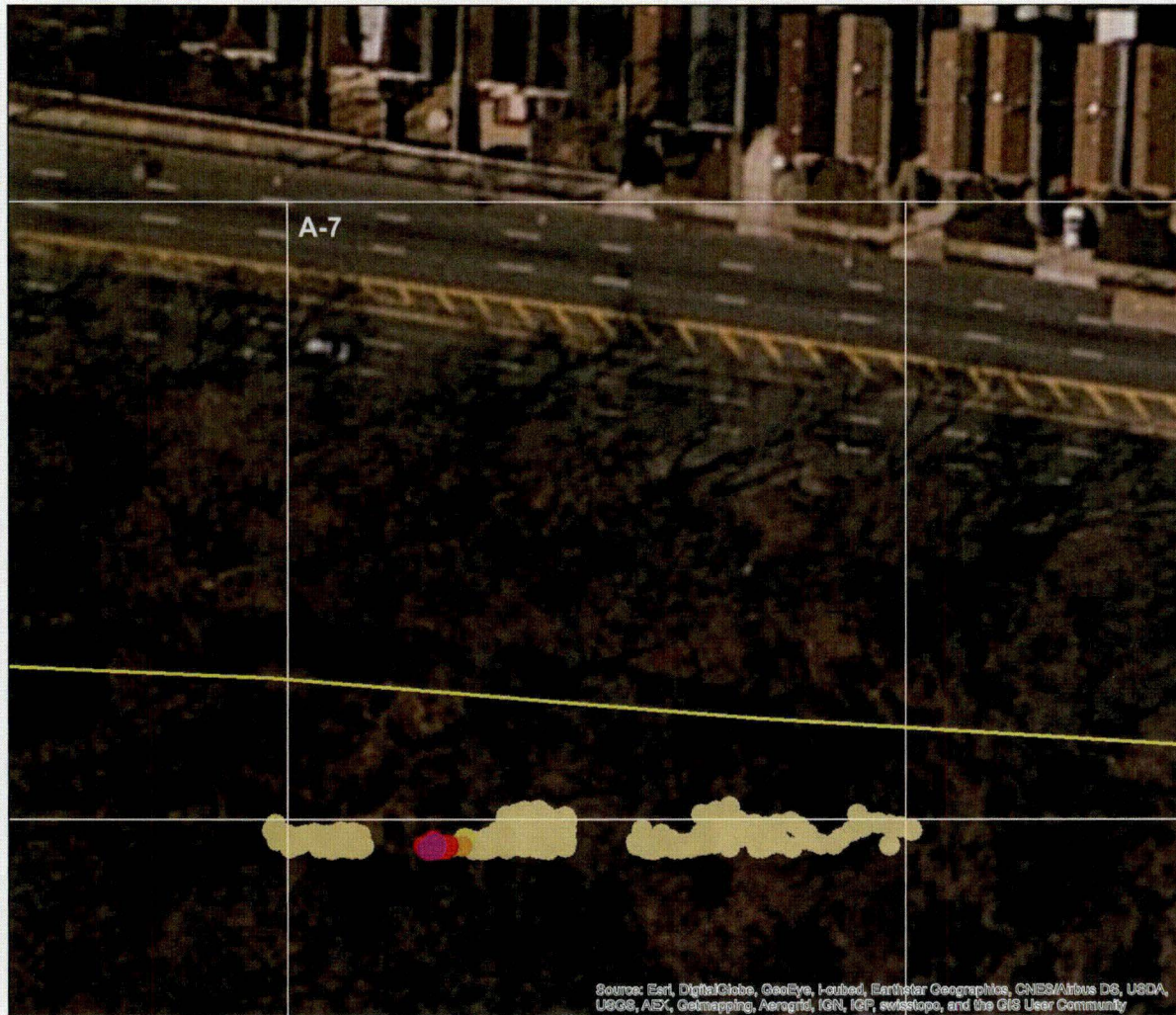
3 - 4

4 - 5

> 5



Grid Cell A-7 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CJG	Contract No: W92BU-13-C-0010	May 2014



Legend

Grid Cell

TCRA Investigation Boundary

Z-Score

< 2

2 - 3

3 - 5

5 - 7

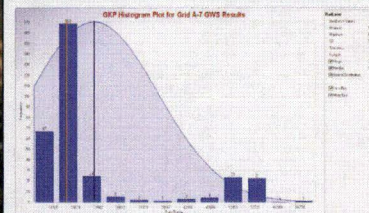
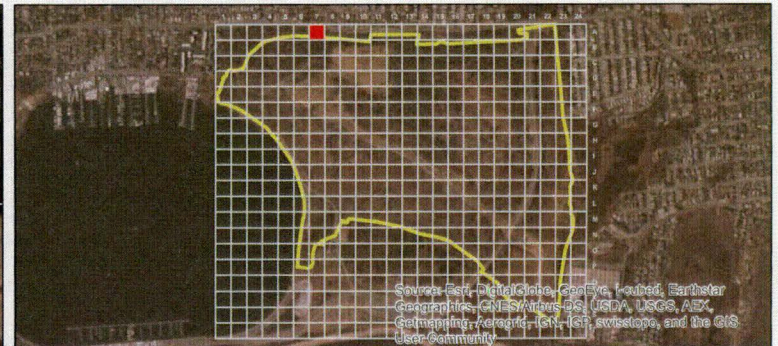
7 - 11



11 - 15

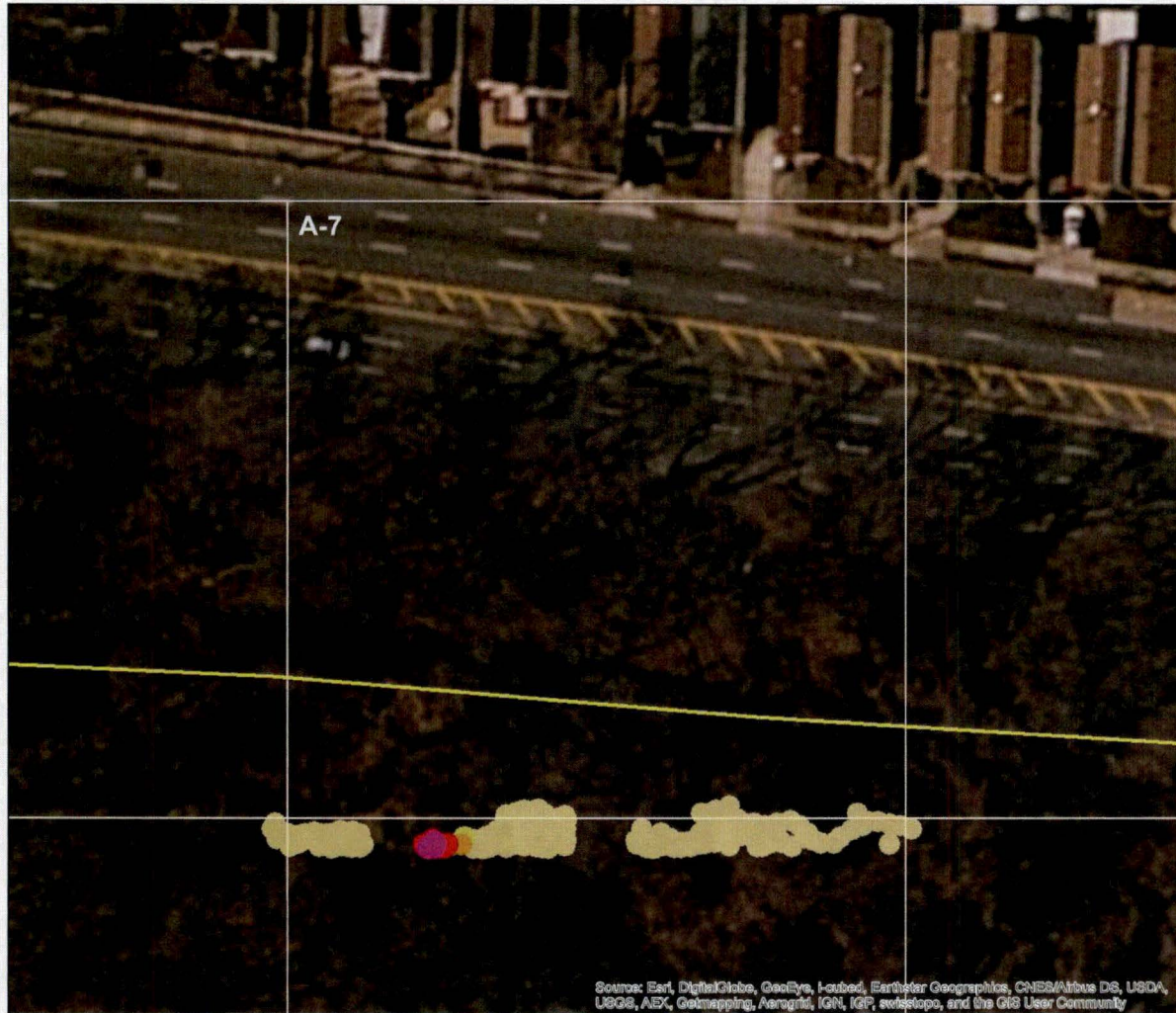
> 15



0 50 100 150 Feet

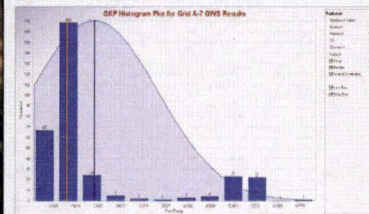
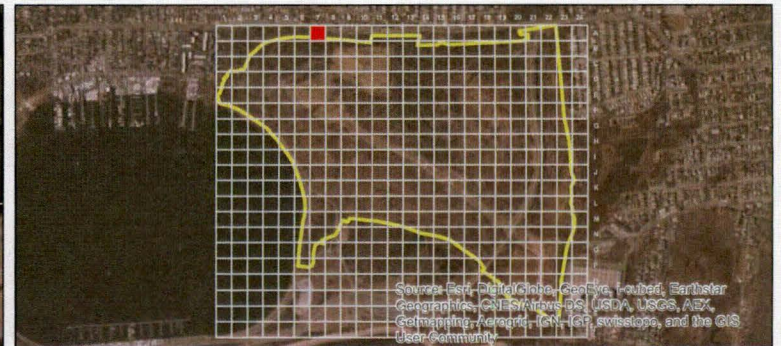


 TIDEWATER INC <small>ENGINEERS • SCIENTISTS • PROGRAM MANAGERS</small>		 U.S Army Corps of Engineers Philadelphia District
Grid Cell A-7 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG		
Contract No: W92BU-13-C-0010		May 2014

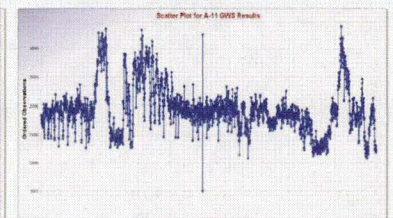
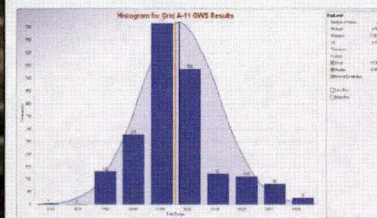
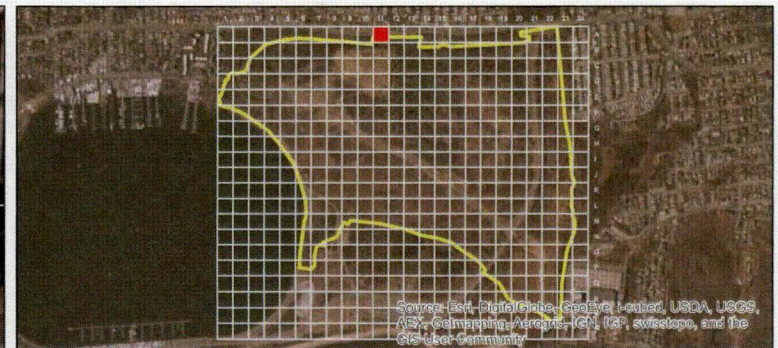
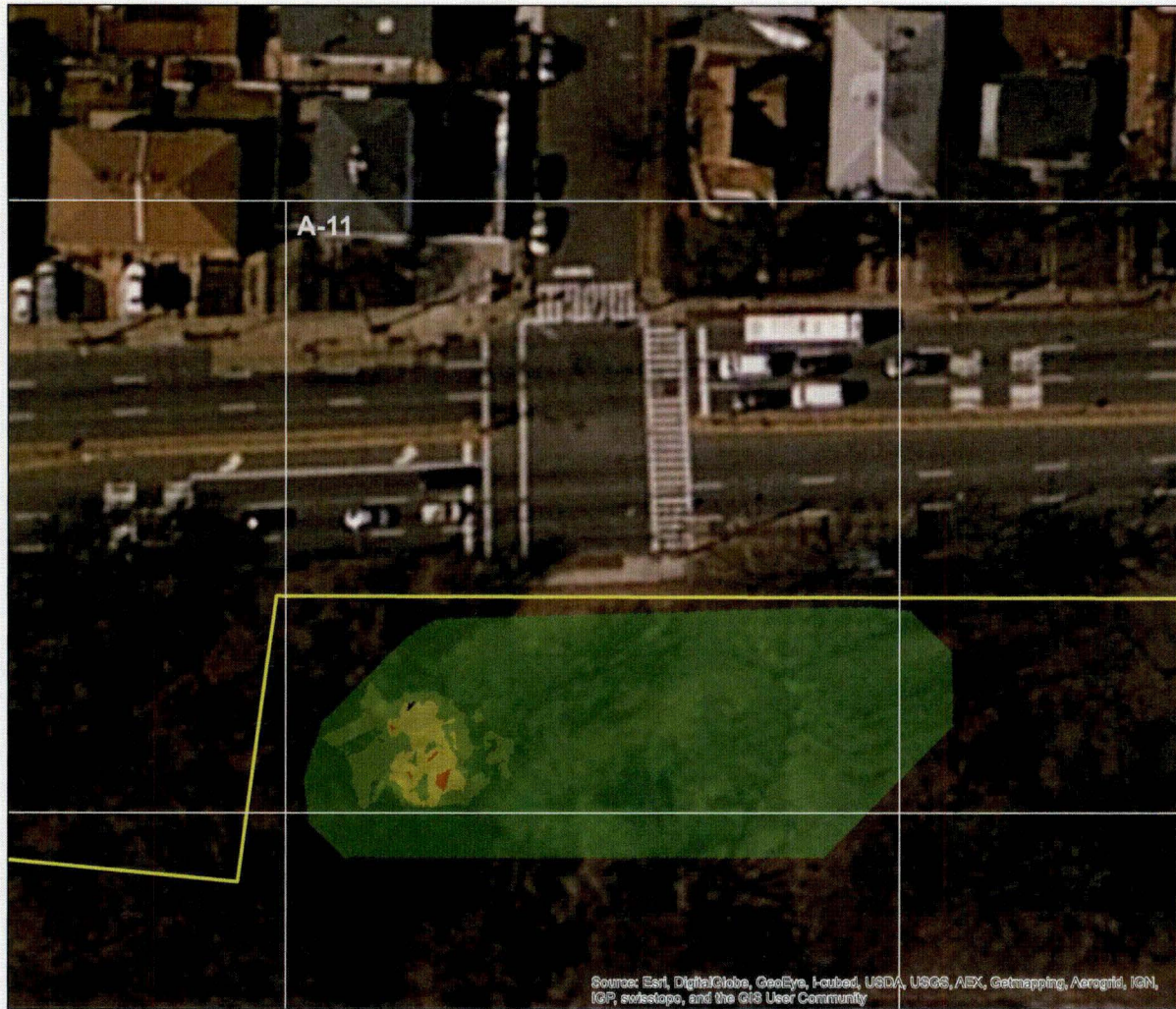


Legend

- Grid Cell
- TCRA Investigation Boundary



Grid Cell A-7 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014



0 50 100 150 Feet

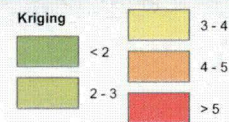
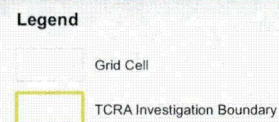
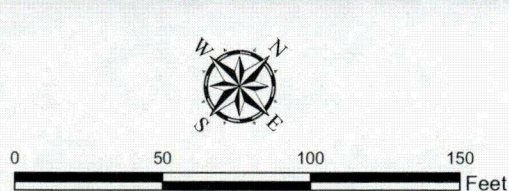
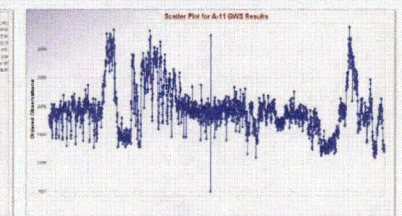
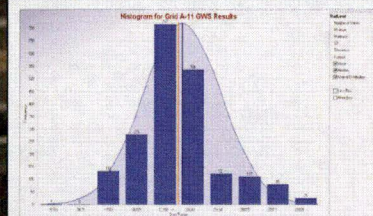
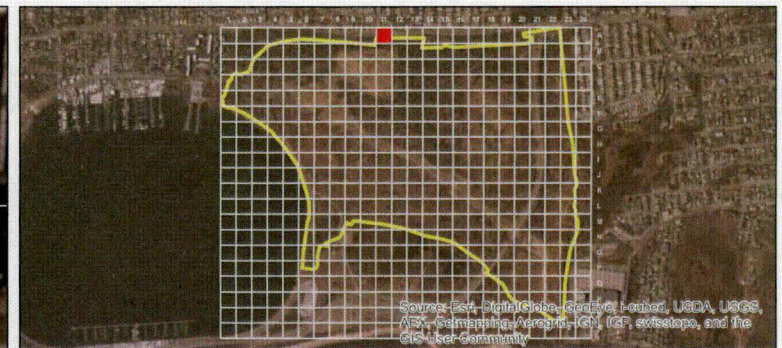
Legend

- Grid Cell
- TCRA Investigation Boundary

Kriging

- < 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

Grid Cell A-11 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
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Grid Cell A-11 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG	Contract No: W92BU-13-C-0010	May 2014
CHECKED BY CG		

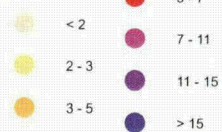


Legend

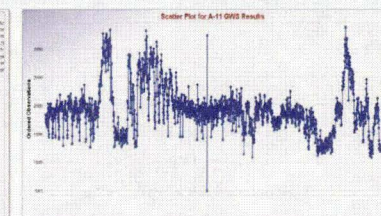
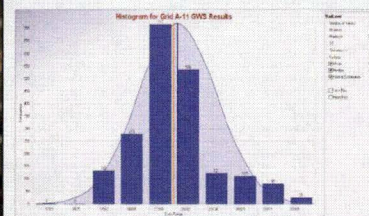
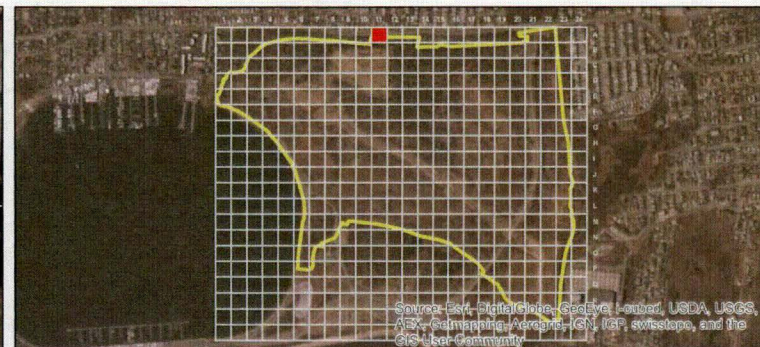
Grid Cell

TCRA Investigation Boundary

Z-Score



0 50 100 150 Feet



	U.S. Army Corps of Engineers Philadelphia District	
	Grid Cell A-11 Z-Score	
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014

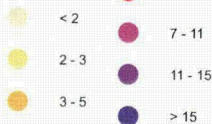


Legend

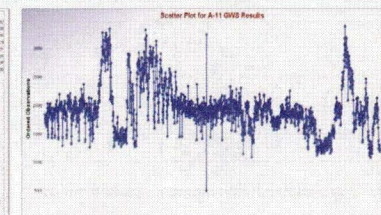
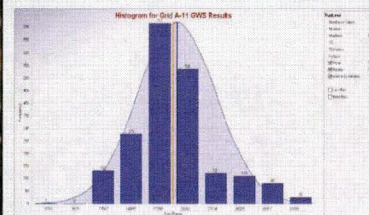
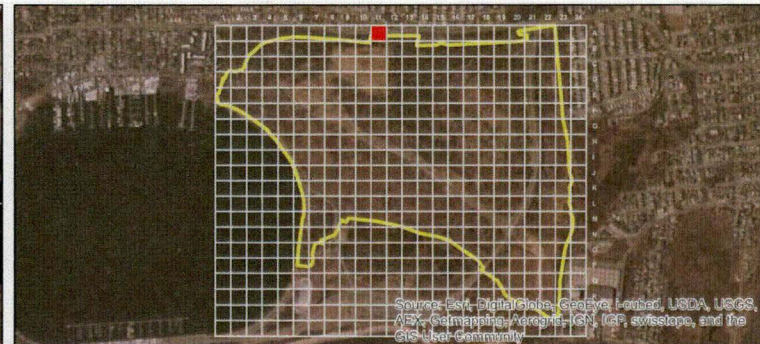
Grid Cell

TCRA Investigation Boundary

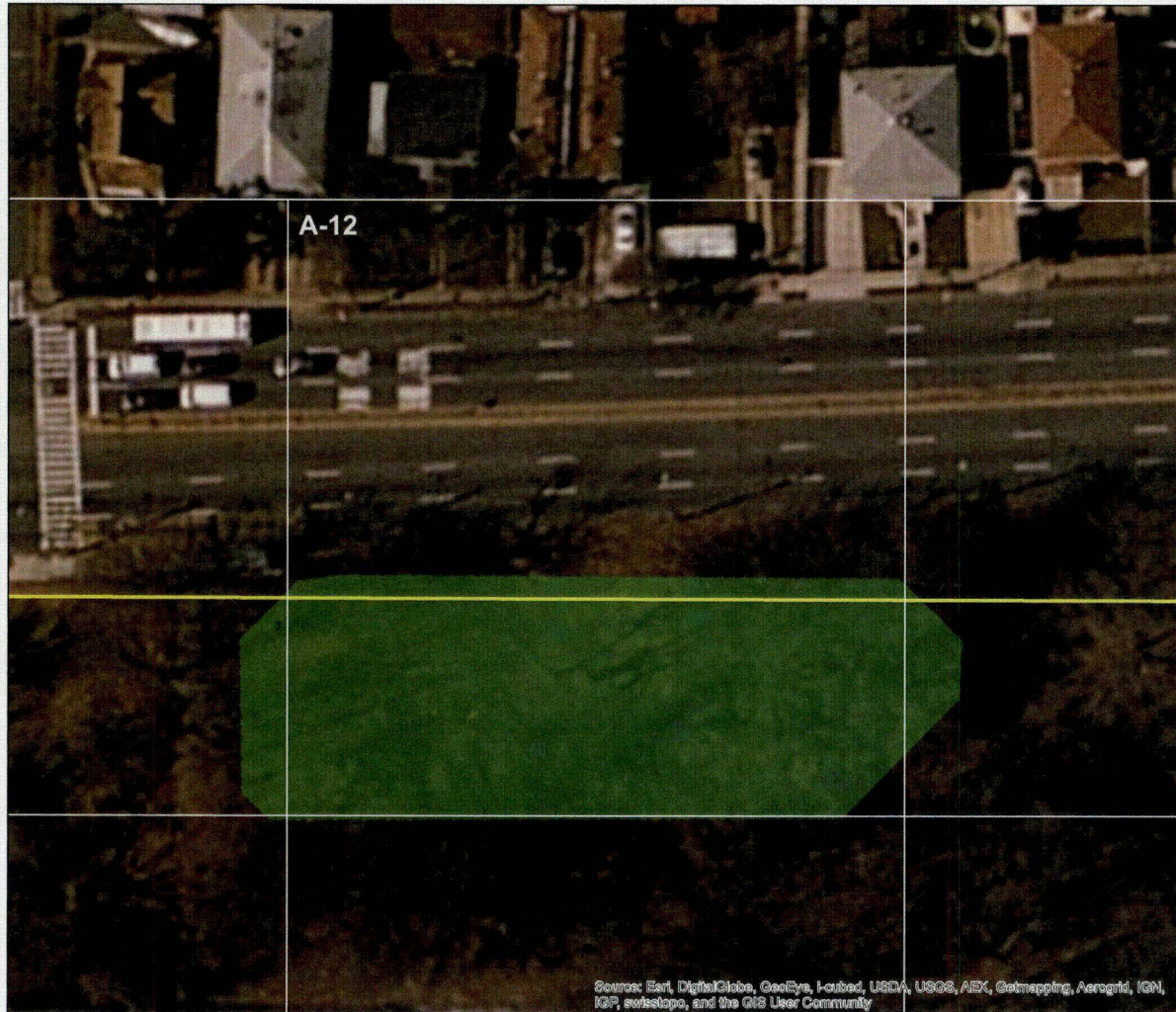
Z-Score



0 50 100 150 Feet



Grid Cell A-11 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

2 - 3

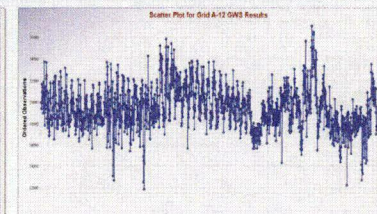
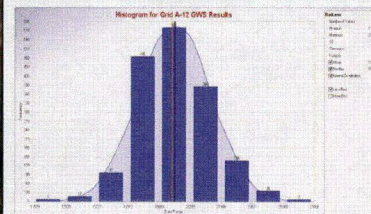
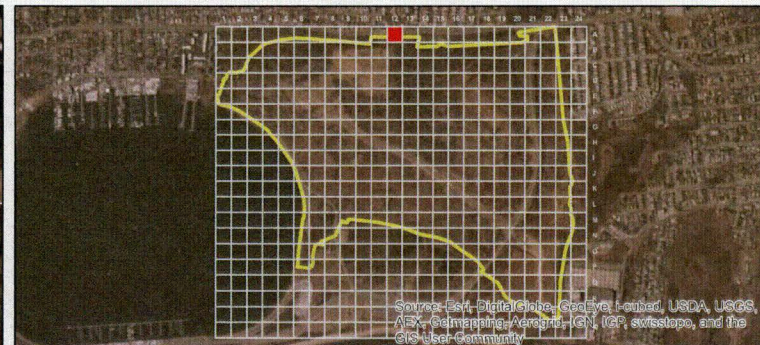
3 - 4

4 - 5

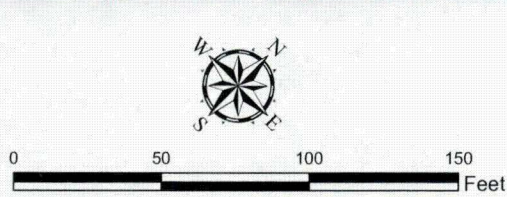
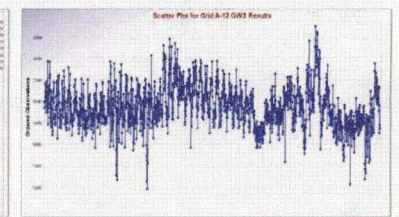
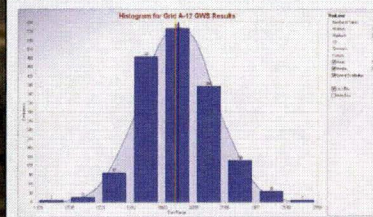
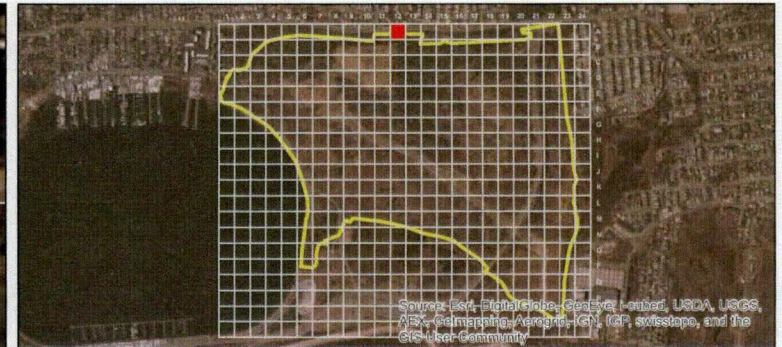
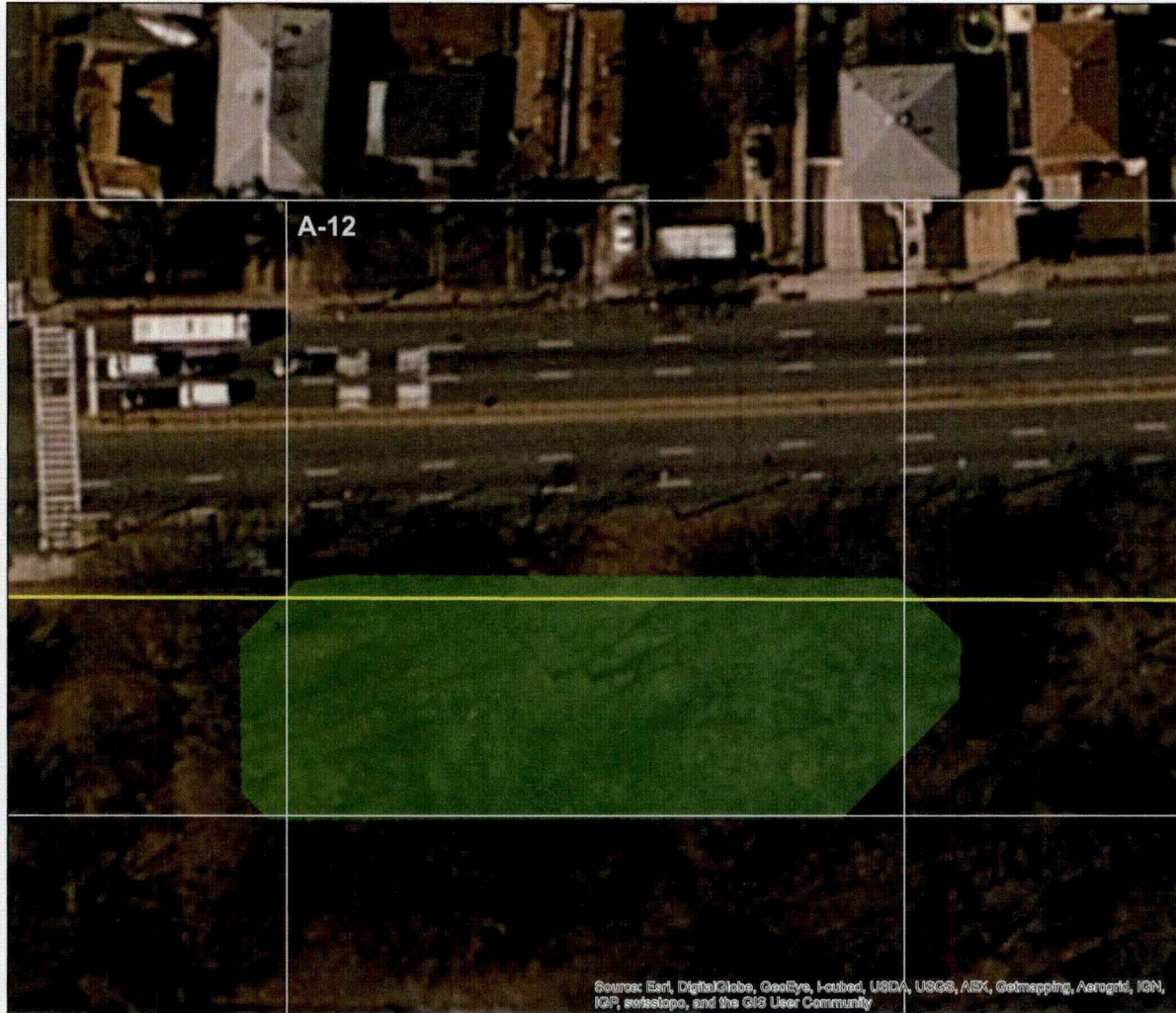
> 5



0 50 100 150 Feet



Grid Cell A-12 Kriging		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	May 2014
CG		



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

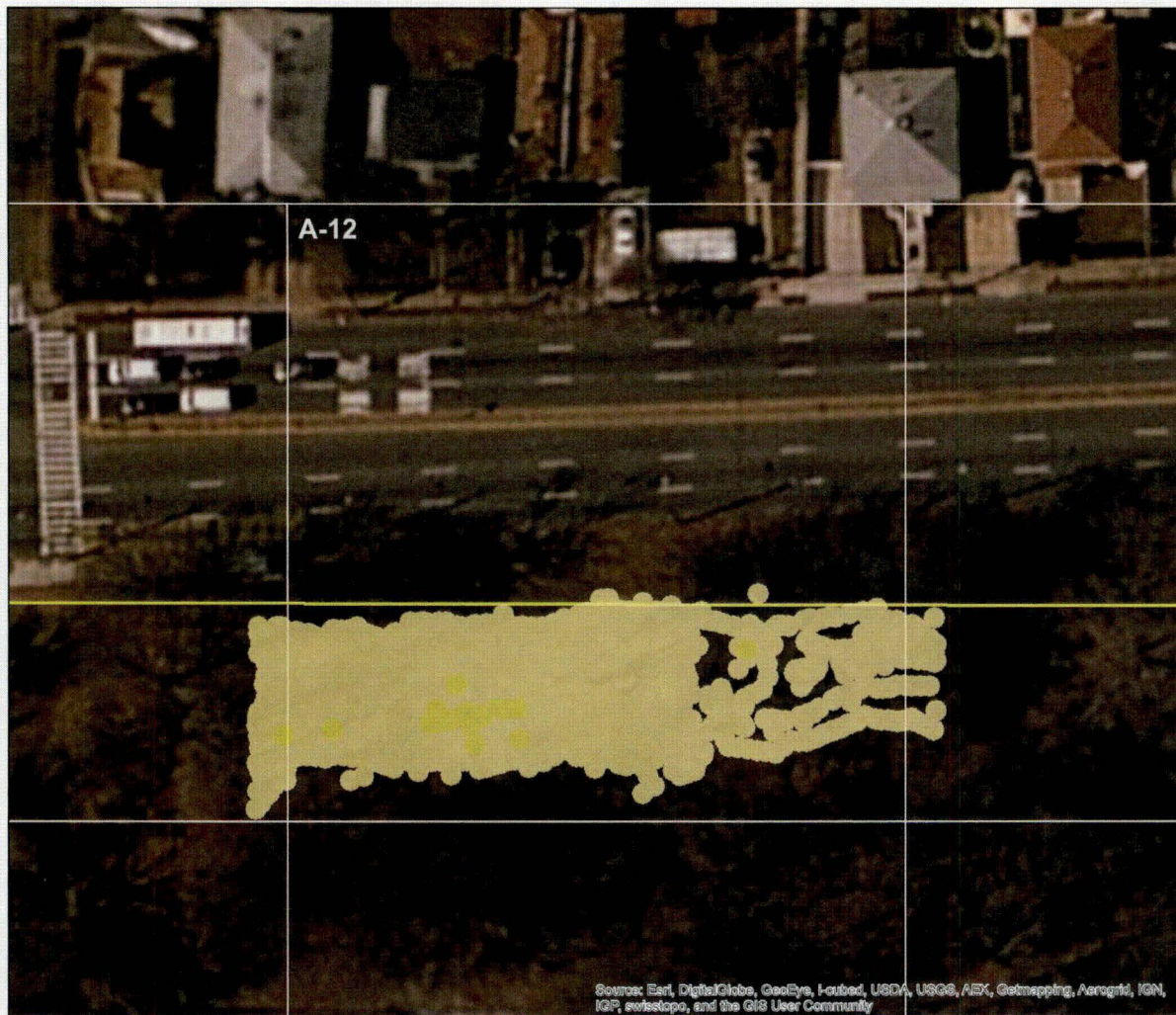
2 - 3

3 - 4

4 - 5

> 5

Grid Cell A-12 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014



Legend

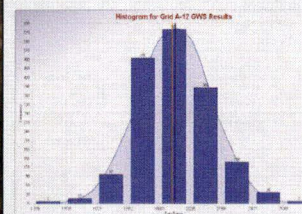
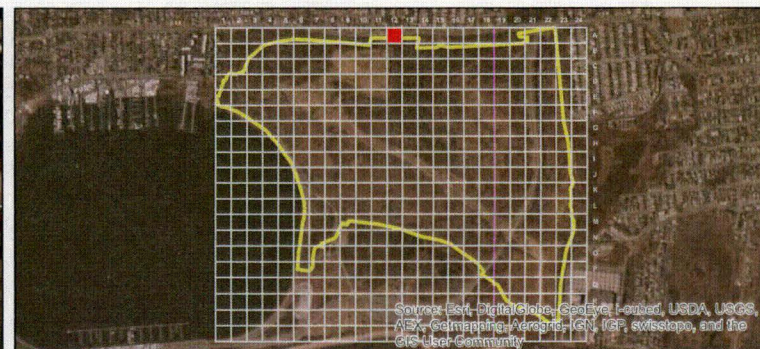
- Grid Cell
- TCRA Investigation Boundary

Z-Score

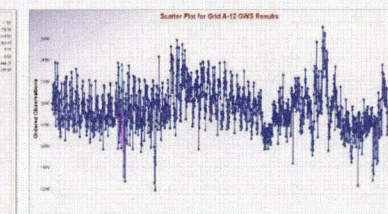
- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



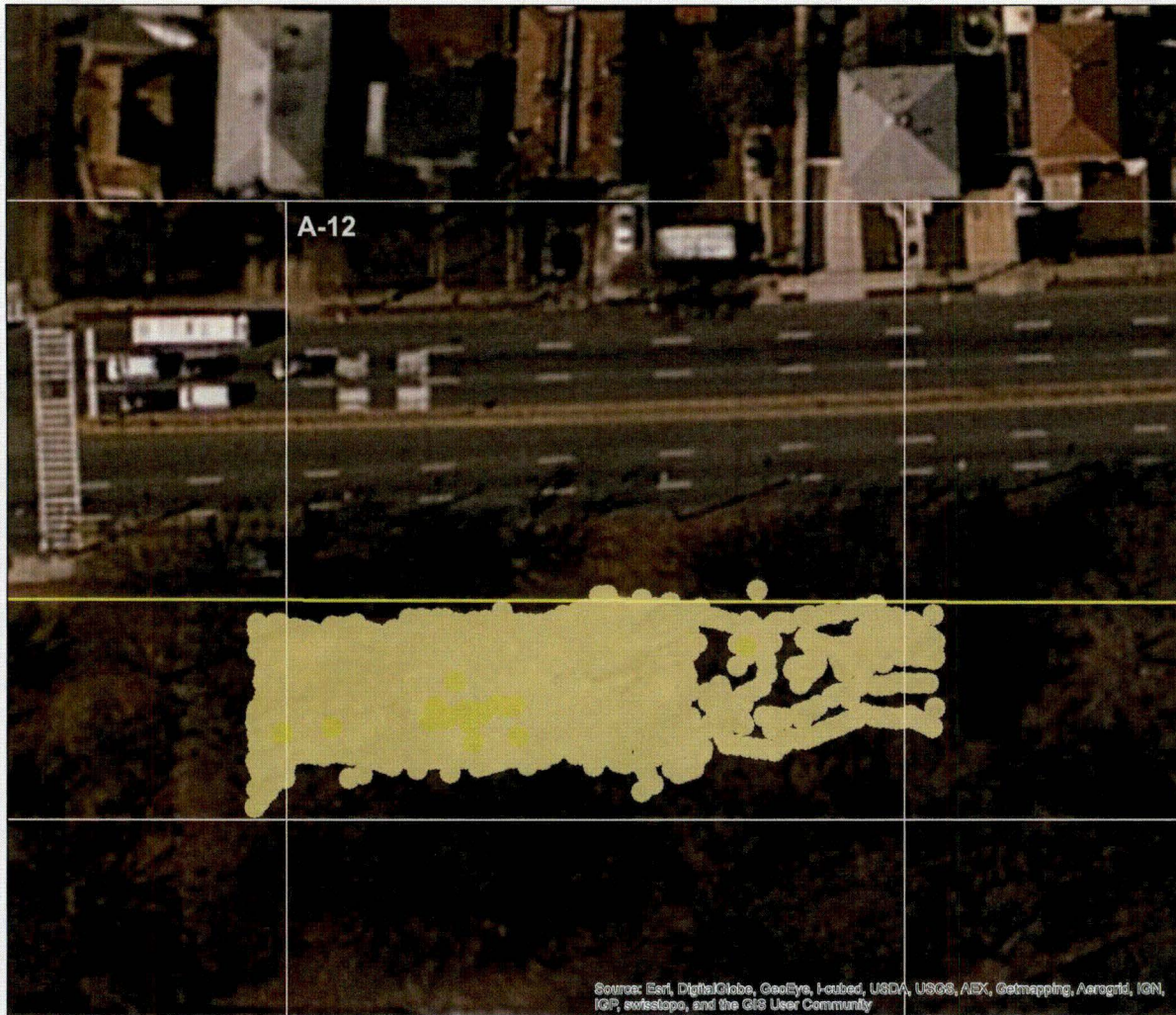
0 50 100 150 Feet



Statistic	Value
Count	10
Sum	10
Average	1.0
StDev	1.0
Minimum	0.0
Maximum	2.0



Grid Cell A-12 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014



Legend

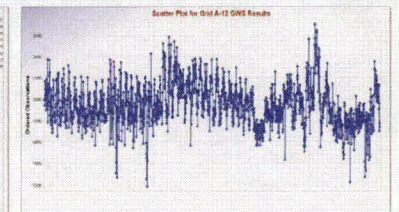
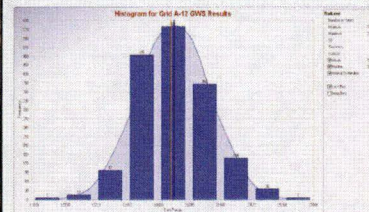
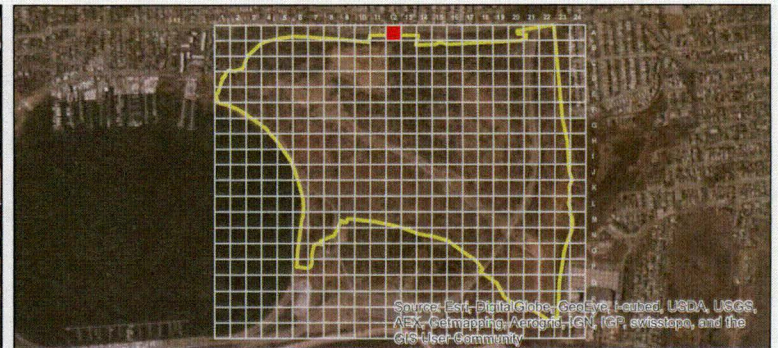
- Grid Cell
- TCRA Investigation Boundary



Z-Score

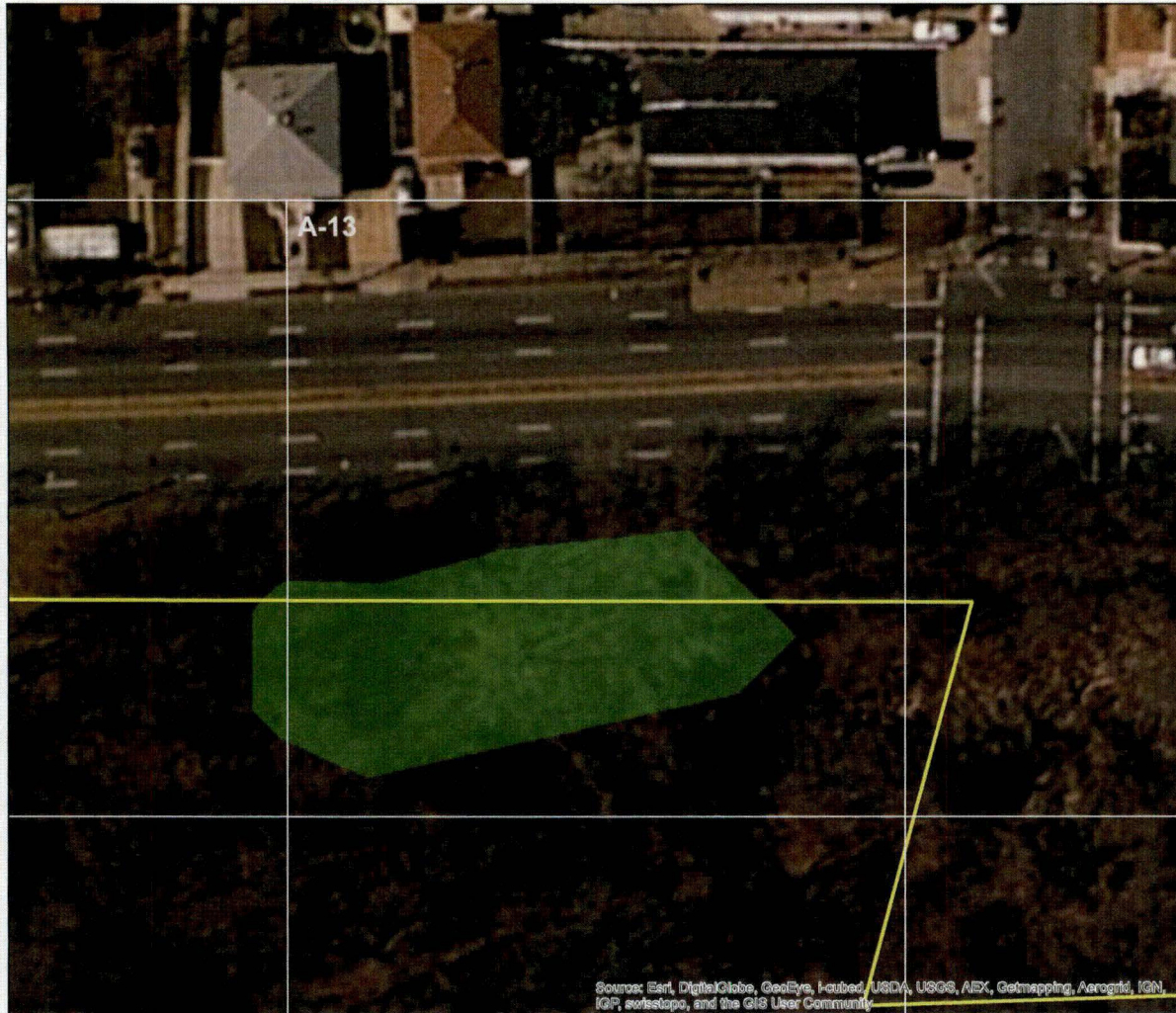
- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



0 50 100 150 Feet



			
TIDEWATER INC		U.S Army Corps of Engineers Philadelphia District	
ENGINEER • DESIGNER • PROGRAM MANAGER			
Grid Cell A-12 Z-Score			
DESIGNED BY	Great Kills Park, Staten Island, NY		Figure #
JHG			
DRAWN BY			
JHG			
CHECKED BY			
CG	Contract No: W92BU-13-C-0010		May 2014



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

2 - 3

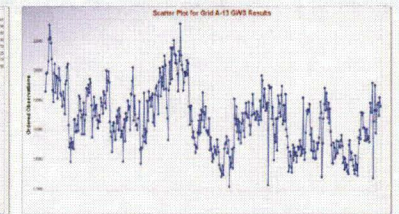
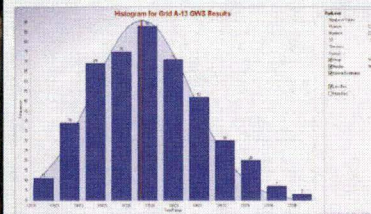
3 - 4

4 - 5

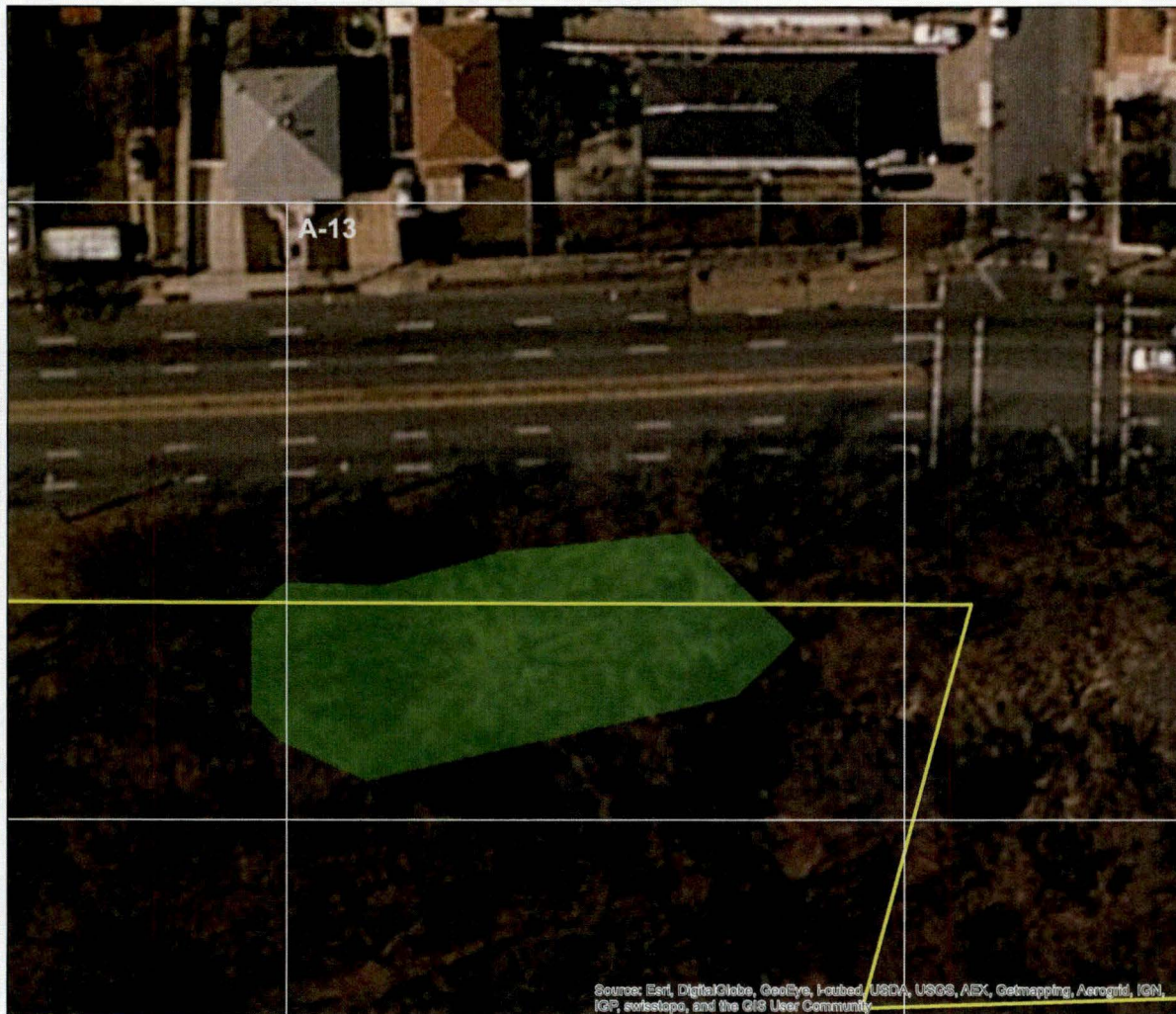
> 5



0 50 100 150 Feet



	TIDEWATER INC <small>ENGINEERS / SCIENTISTS / PROGRAM MANAGERS</small>		U.S. Army Corps of Engineers Philadelphia District
Grid Cell A-13 Kriging			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY		Figure #
DRAWN BY JHG			
CHECKED BY CG	Contract No: W92BU-13-C-0010		May 2014



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

2 - 3

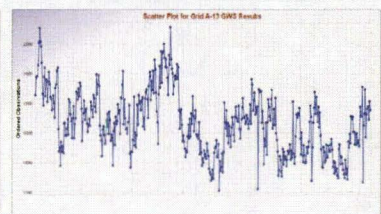
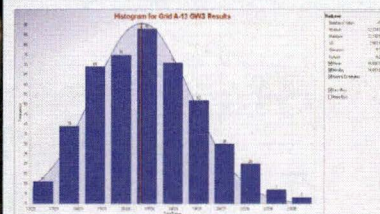
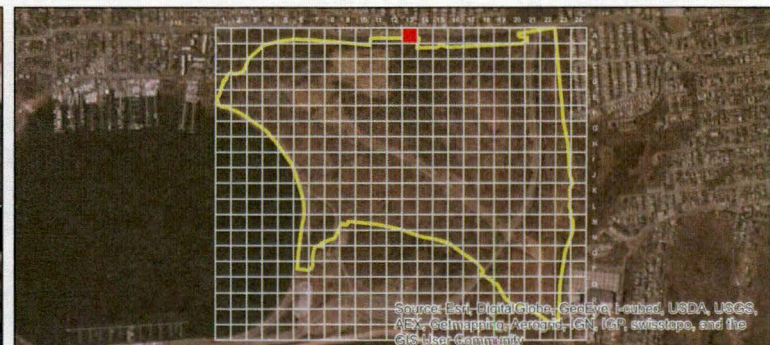
3 - 4



4 - 5

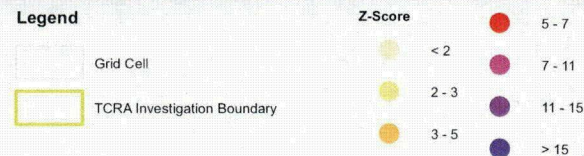
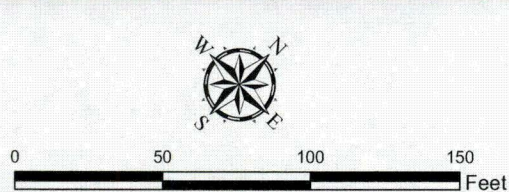
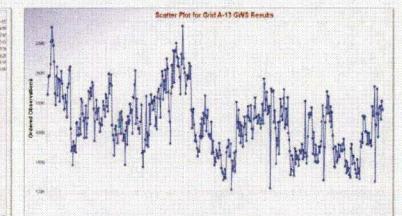
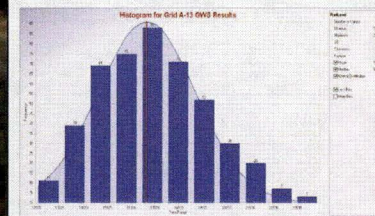
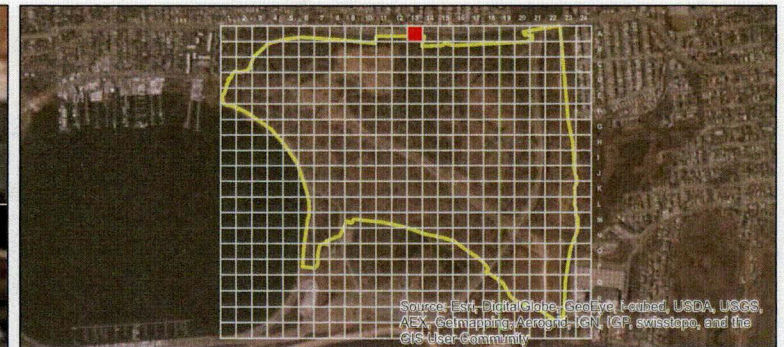
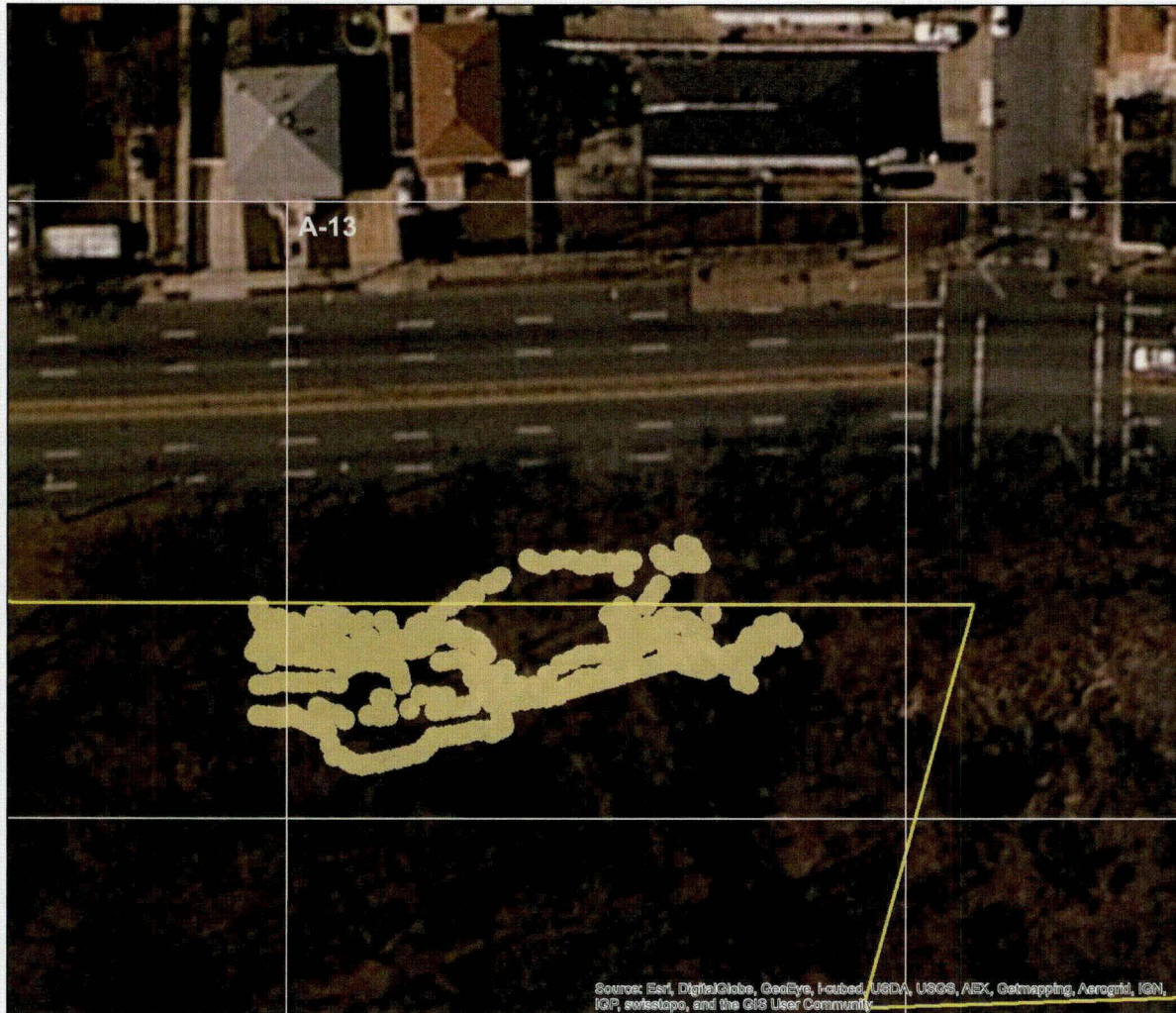
> 5



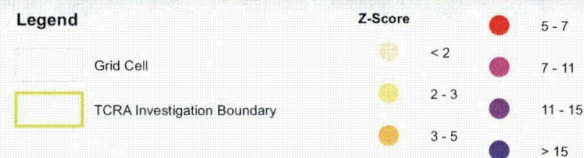
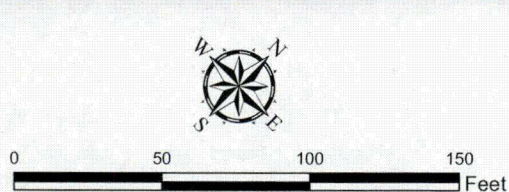
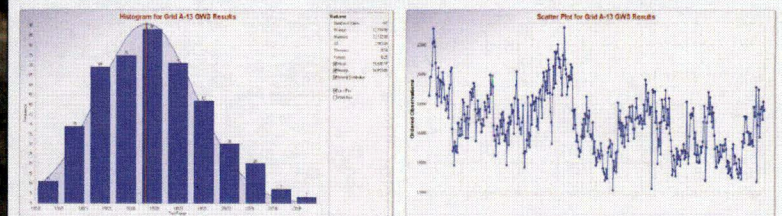
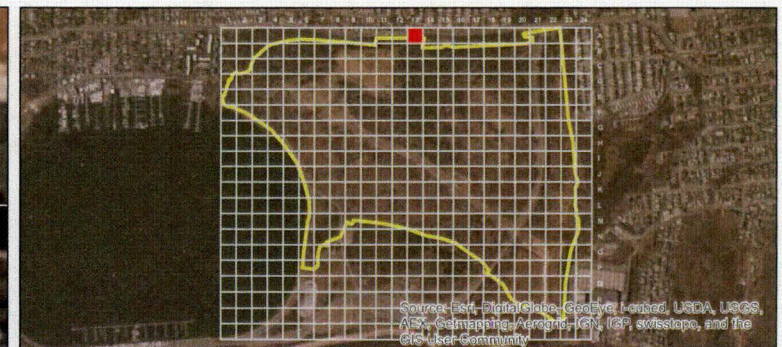
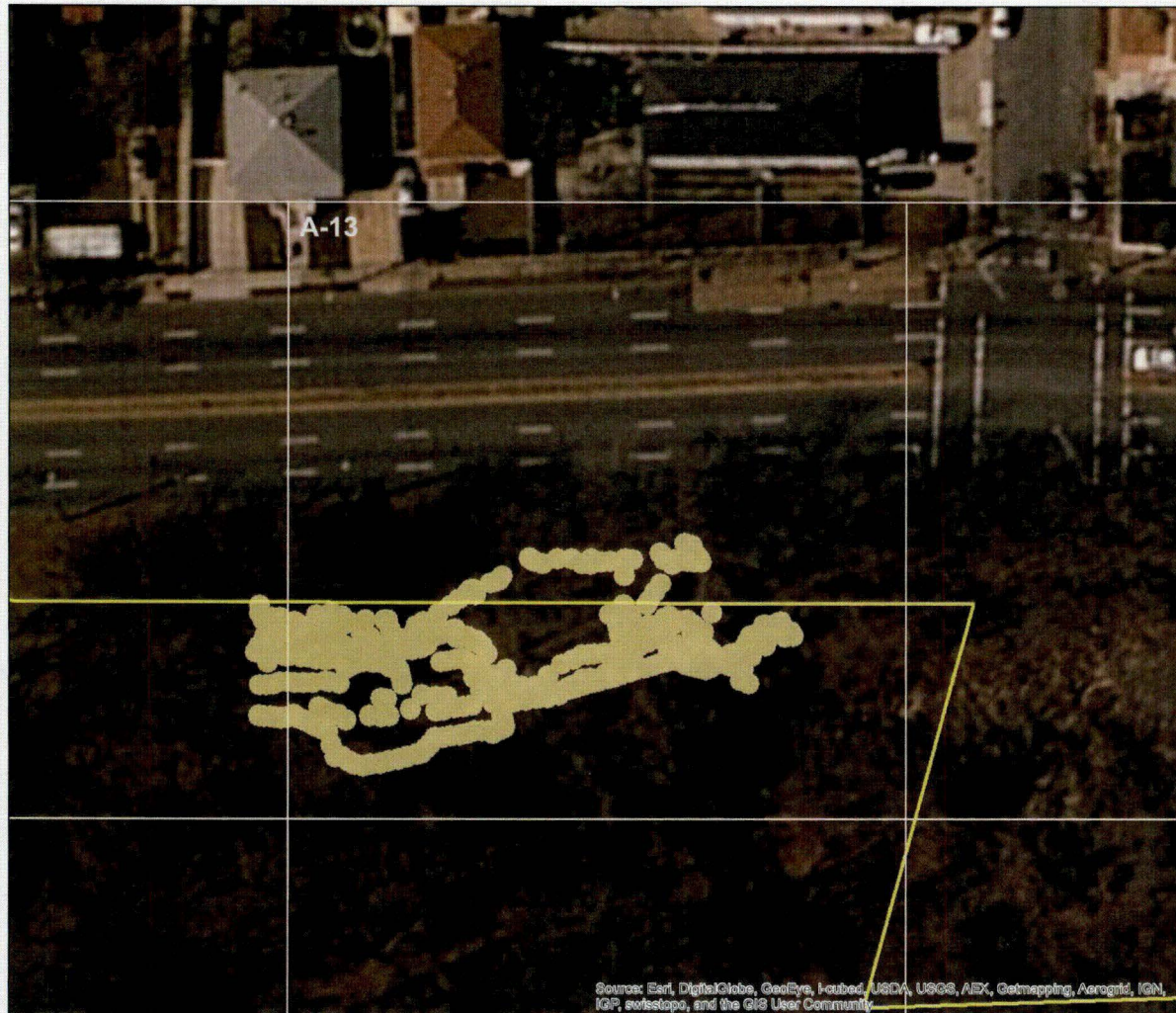
0 50 100 150 Feet





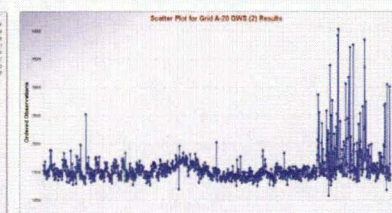
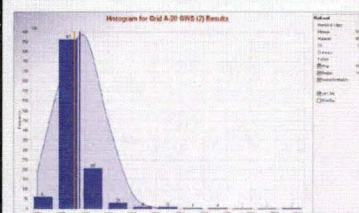
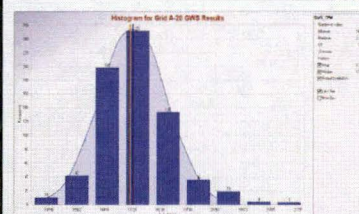
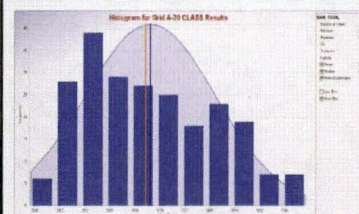
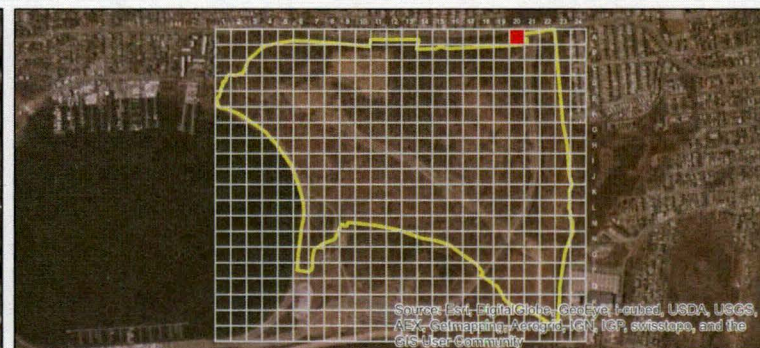
		TIDEWATER INC <small>ENGINEERS • ARCHITECTS • PROGRAM MANAGER</small>		U.S. Army Corps of Engineers Philadelphia District
Grid Cell A-13 Kriging				
DESIGNED BY JHG	Great Kills Park, Staten Island, NY			Figure #
DRAWN BY JHG				
CHECKED BY CG				
	Contract No: W92BU-13-C-0010			May 2014



Grid Cell A-13 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014



	TIDEWATER INC. <small>ENGINEERS • SCIENTISTS • PROGRAM MANAGERS</small>		U.S. Army Corps of Engineers Philadelphia District
<h1>Grid Cell A-13 Z-Score</h1>			
DESIGNED BY	Great Kills Park, Staten Island, NY		Figure #
JHG			
DRAWN BY			
JHG			
CHECKED BY	Contract No: W92BU-13-C-0010		May 2014
CG			



Legend

- Grid Cell
- TCRA Investigation Boundary

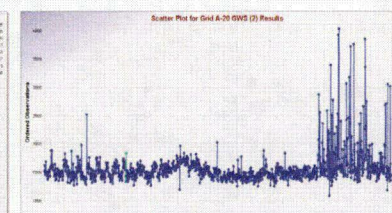
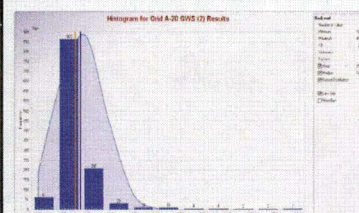
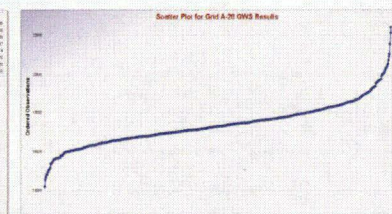
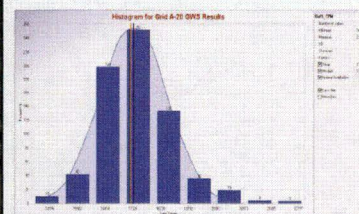
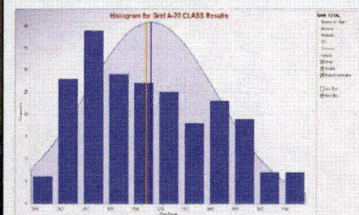
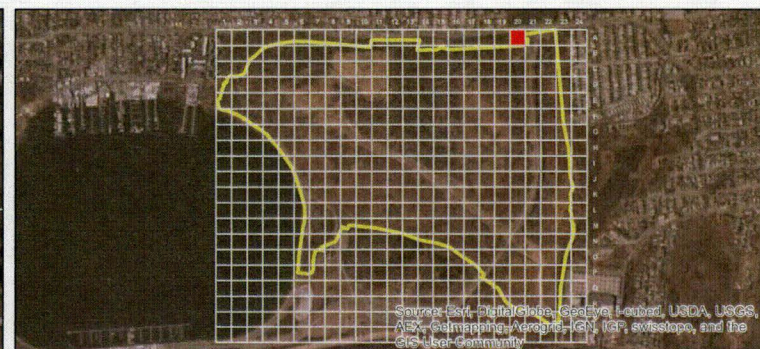
Kriging

- < 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5



0 50 100 150 Feet

Grid Cell A-20 Kriging		
DESIGNED BY JMG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JMG	Contract No: W92BU-13-C-0010	May 2014
CHECKED BY CG		



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

2 - 3

3 - 4

4 - 5

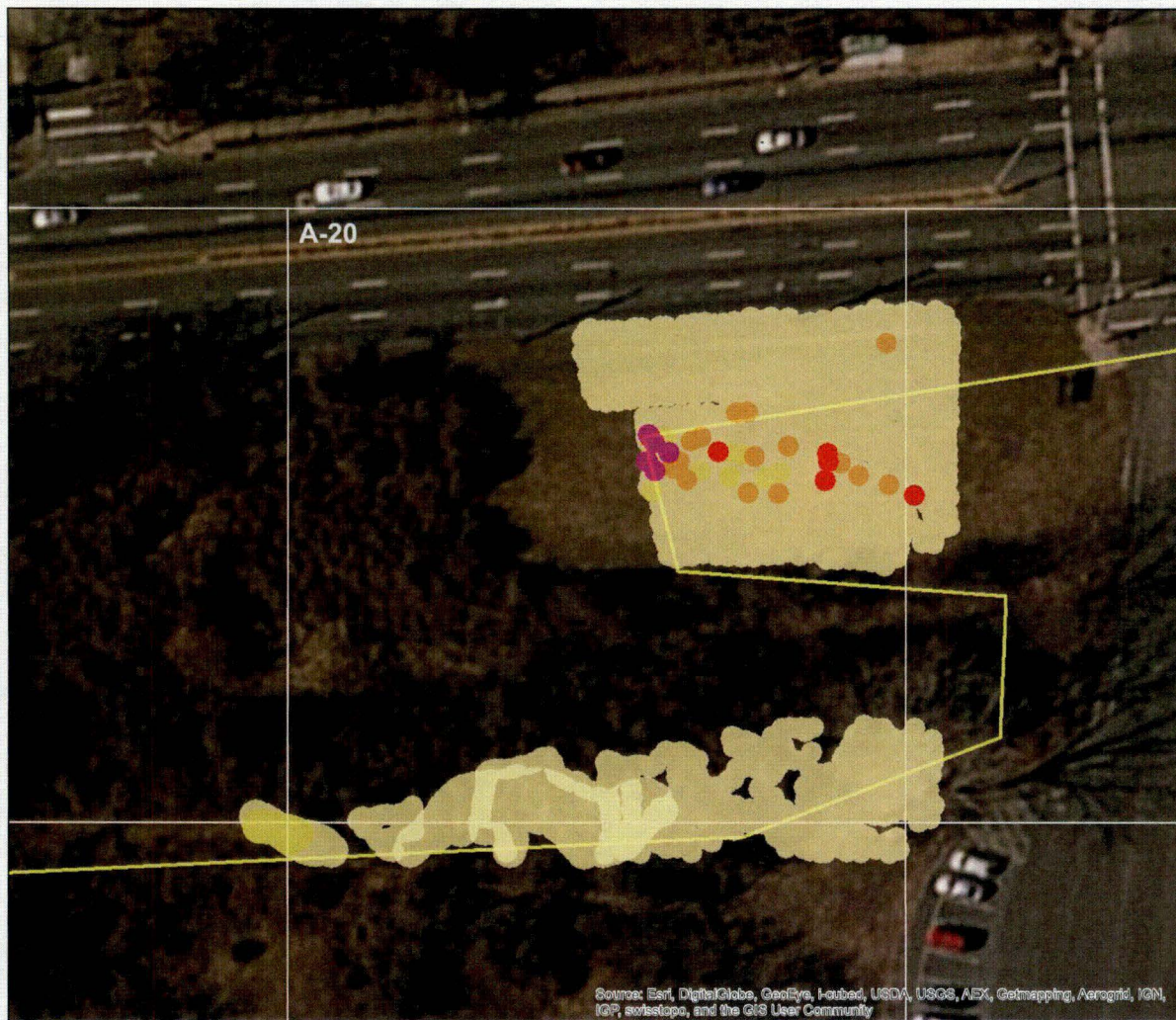
> 5



0 50 100 150 Feet

Grid Cell A-20 Kriging

DESIGNED BY	JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY	JHG		
CHECKED BY	CG	Contract No: W92BU-13-C-0010	May 2014

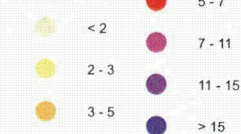


Legend

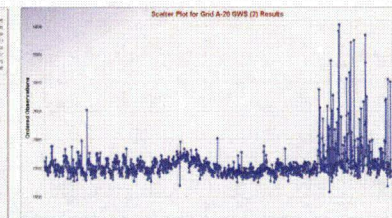
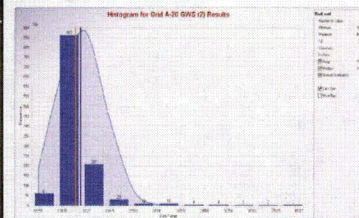
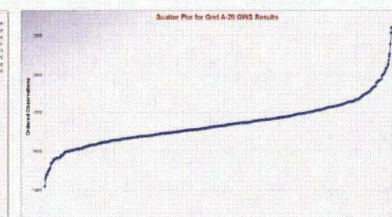
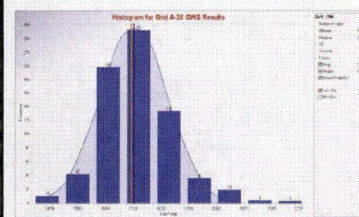
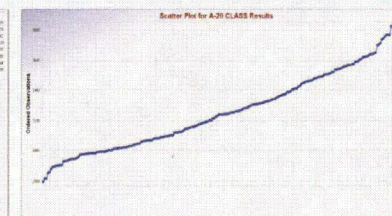
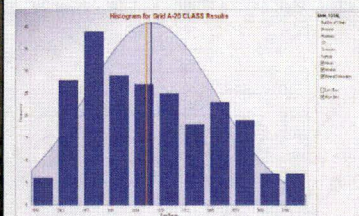
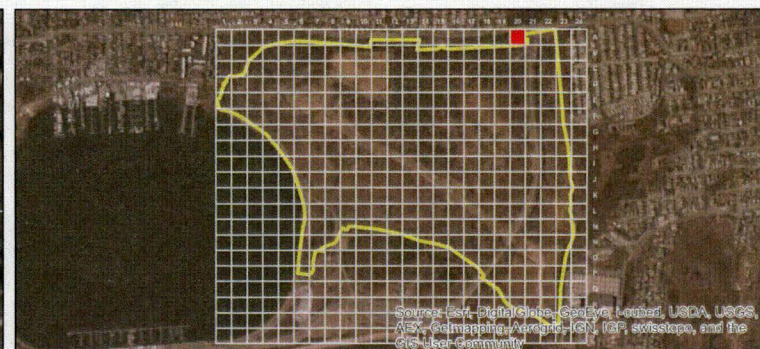
Grid Cell

TCRA Investigation Boundary

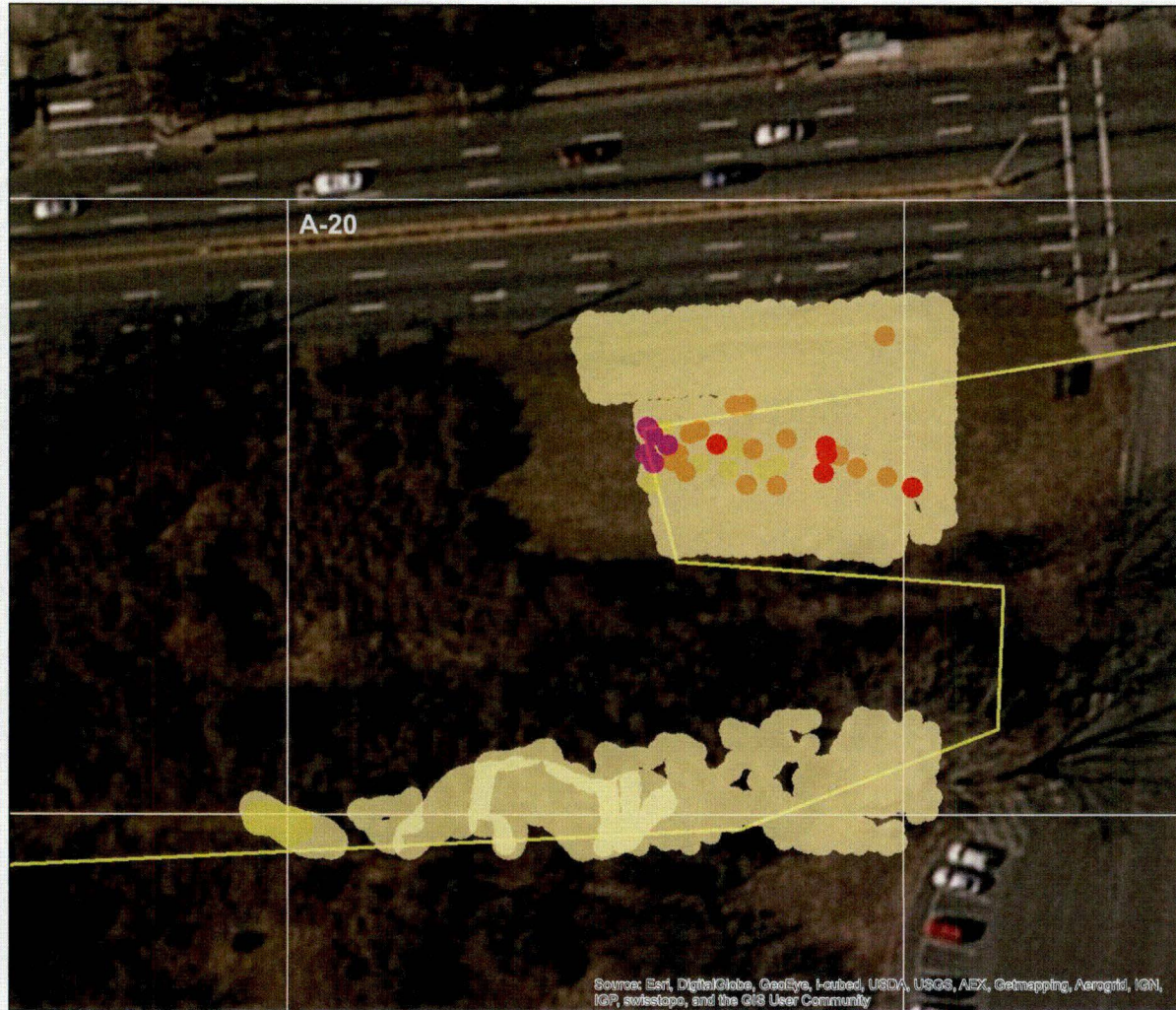
Z-Score



0 50 100 150 Feet

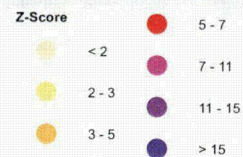


Grid Cell A-20 Z-Score		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	May 2014

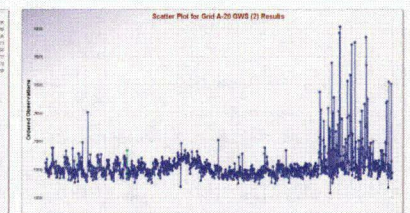
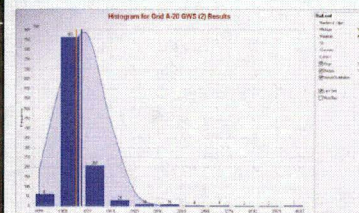
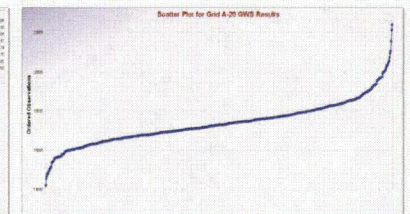
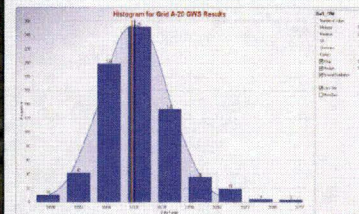
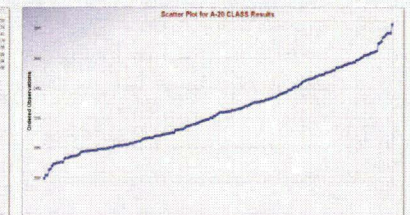
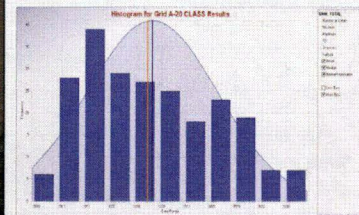
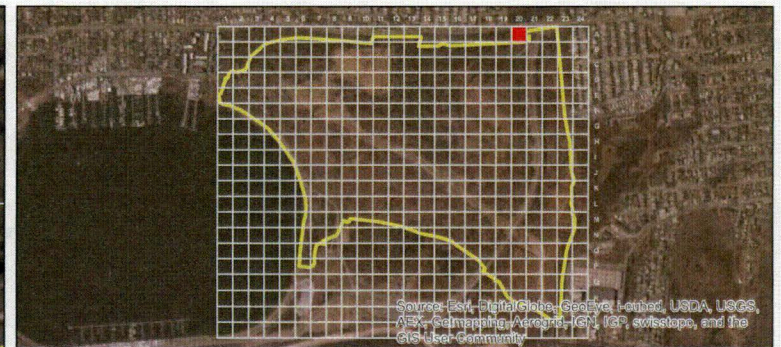


Legend

Grid Cell
TCRA Investigation Boundary



0 50 100 150 Feet



Grid Cell A-20 Z-Score		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	May 2014
CG		

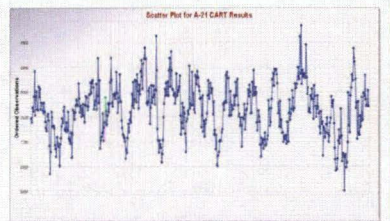
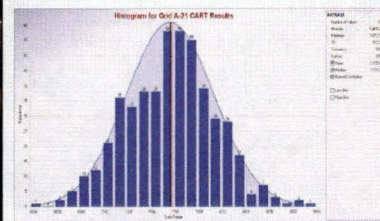
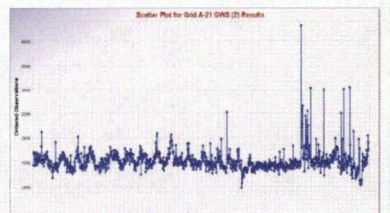
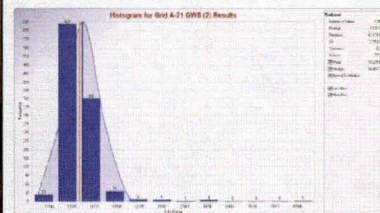
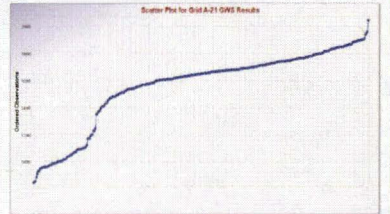
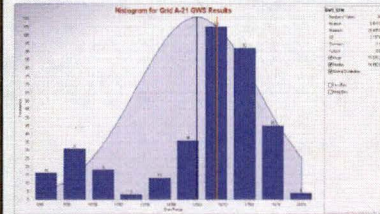
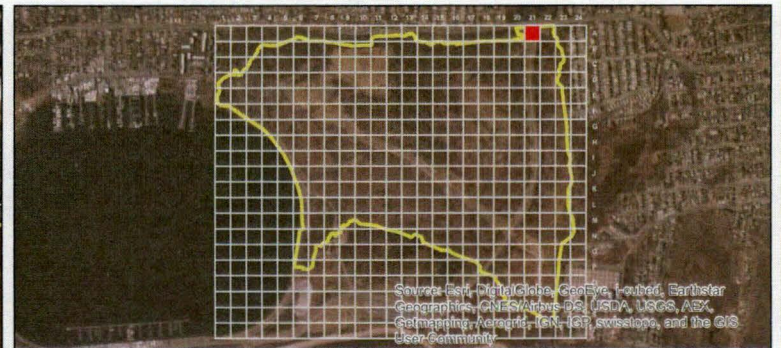


Legend

- Grid Cell
- TCRA Investigation Boundary

Kriging

- < 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5



TIDEWATER INC

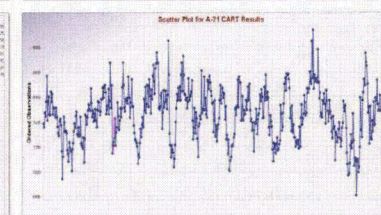
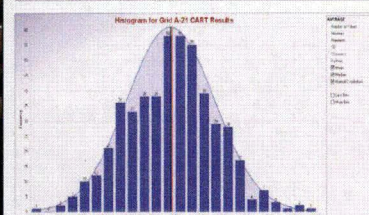
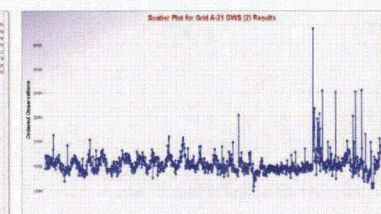
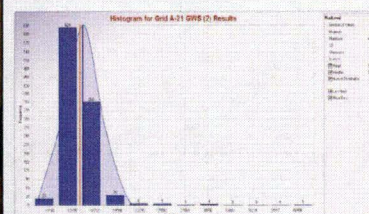
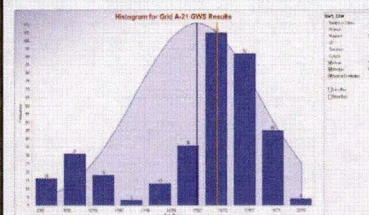
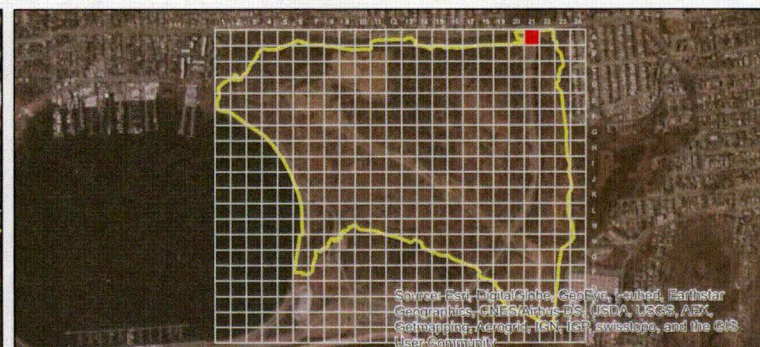
ENGINEERS • SURVEYORS • PROGRAM MANAGERS

U.S. Army Corps of Engineers

Philadelphia District

Grid Cell A-21 Kriging

DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	June 2014



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

2 - 3

3 - 4

4 - 5

> 5



0 50 100 150 Feet

Grid Cell A-21 Kriging

DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure # June 2014
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	



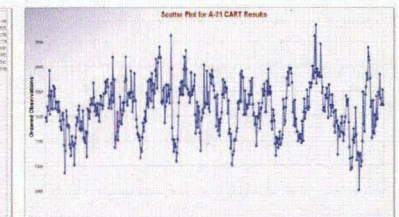
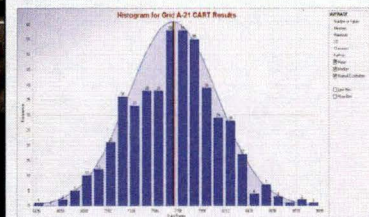
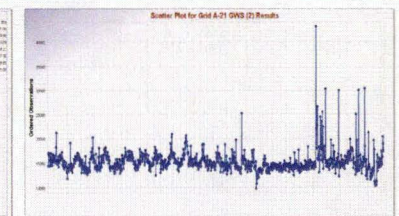
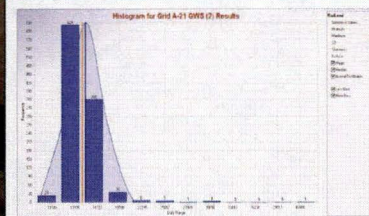
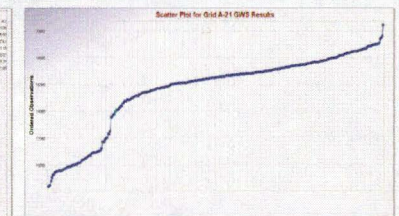
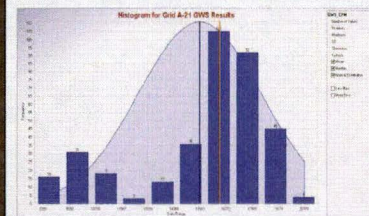
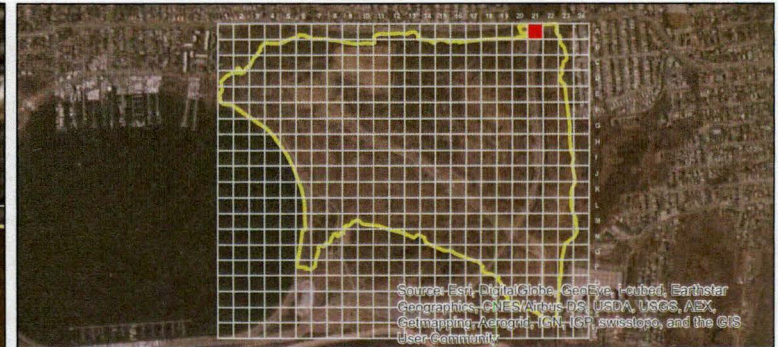
Legend

- Grid Cell
- TCRA Investigation Boundary

Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15

0 50 100 150 Feet



TIDEWATER INC ENGINEERS • CONSTRUCTORS • PROGRAM MANAGERS		U.S. Army Corps of Engineers Philadelphia District
Grid Cell A-21 Z-Score		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY		
CG		
Contract No:		June
W92BU-13-C-0010		2014



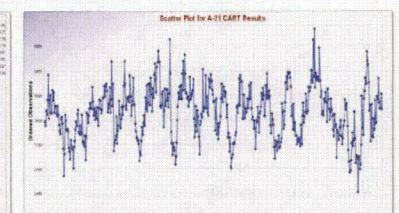
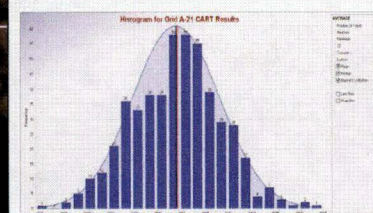
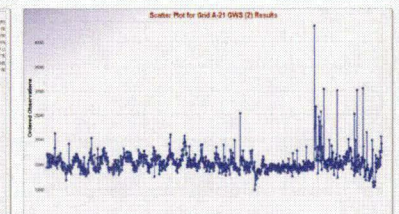
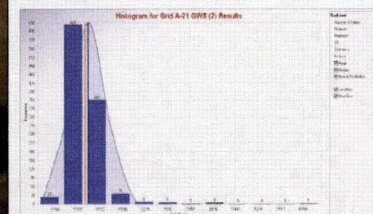
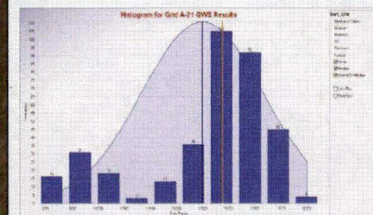
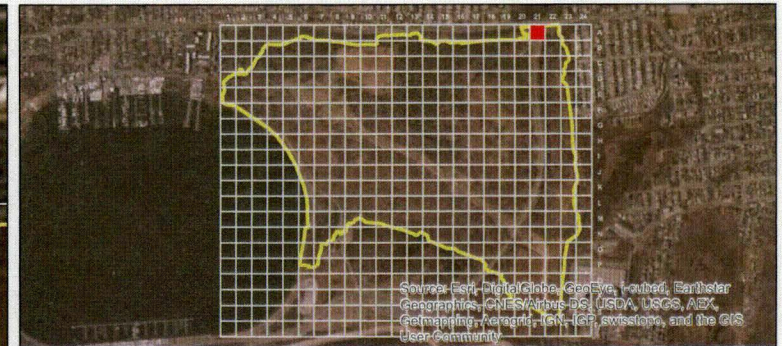
Legend

- Grid Cell
- TCRA Investigation Boundary

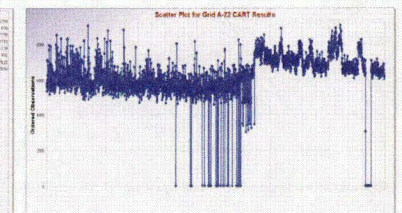
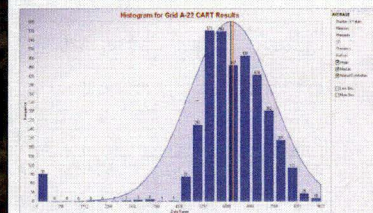
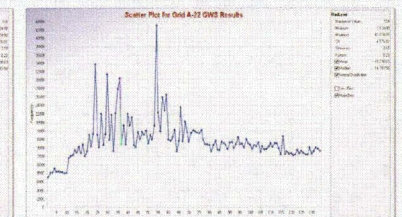
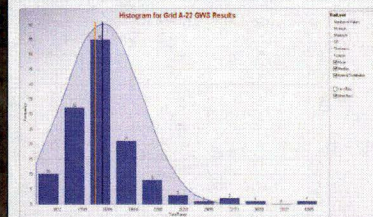
Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15

0 50 100 150 Feet



Grid Cell A-21 Z-Score	
DESIGNED BY	JHG
DRAWN BY	JHG
CHECKED BY	CG
Great Kills Park, Staten Island, NY	
Figure #	June 2014
Contract No: W92BU-13-C-0010	



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

2 - 3

3 - 4

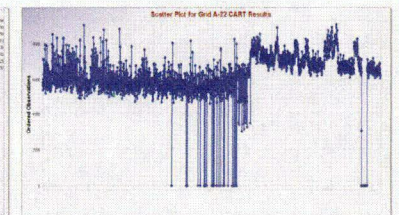
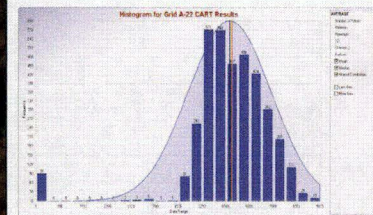
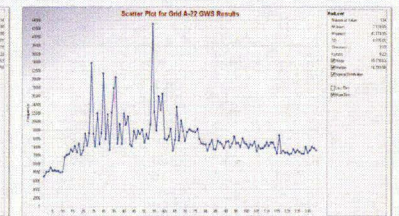
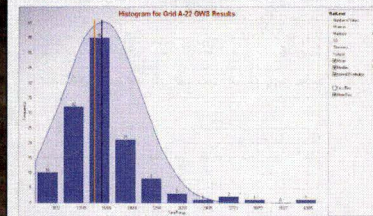
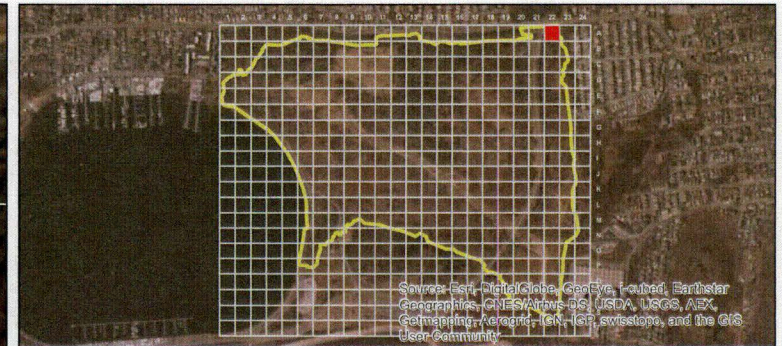
4 - 5

> 5



0 50 100 150 Feet

<p>Grid Cell A-22 Kriging</p>		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014
CG		



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

2 - 3


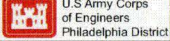
3 - 4

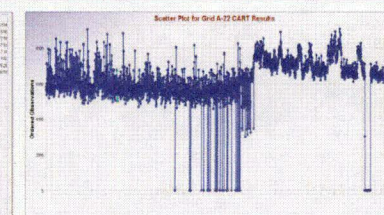
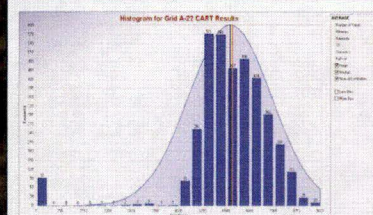
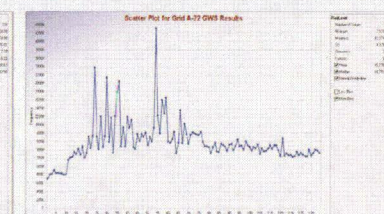
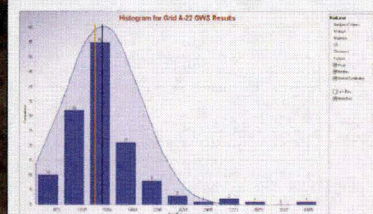
4 - 5

> 5



0 50 100 150 Feet

 		
Grid Cell A-22 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	June 2014



Legend

- Grid Cell
- TCRA Investigation Boundary

Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



0 50 100 150 Feet

	TIDEWATER INC <small>ENGINEERS • CONSULTANTS • PROGRAM MANAGERS</small>		U.S. Army Corps of Engineers Philadelphia District
Grid Cell A-22 Z-Score			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY		Figure #
DRAWN BY JHG			
CHECKED BY CG	Contract No: W92BU-13-C-0010		June 2014



Legend

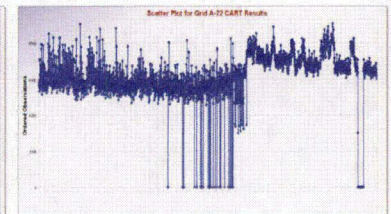
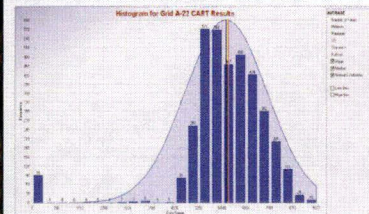
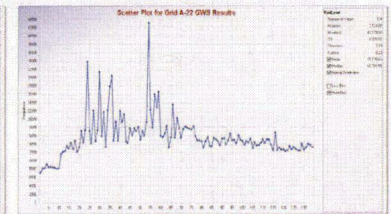
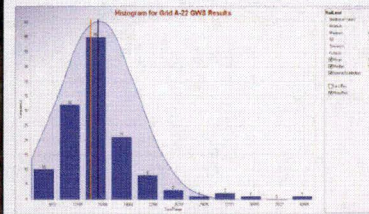
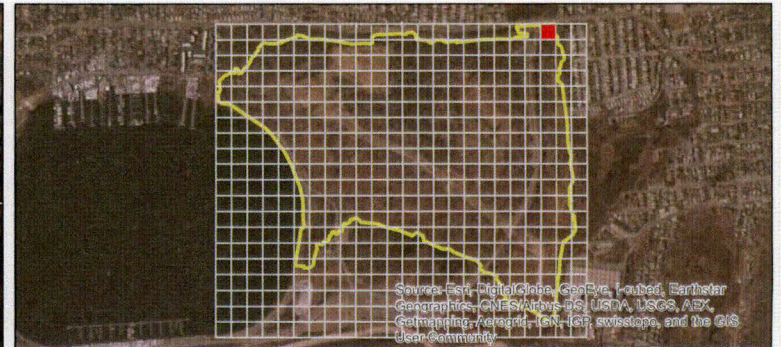
- Grid Cell
- TCRA Investigation Boundary

Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



0 50 100 150 Feet



	TIDEWATER INC ENGINEERS / SCIENTISTS / PROGRAM MANAGERS		U.S. Army Corps of Engineers Philadelphia District
Grid Cell A-22 Z-Score			
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #	JHG
DRAWN BY			JHG
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014	CG