

PARSONS ENGINEERING SCIENCE, INC.

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February 10, 2000

Mr. Julio Vazquez
USEPA Region II
Superfund Federal Facilities Section
290 Broadway, 18th Floor
New York, NY 10007-1866

File P

Mr. Steven Paszko
New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation
Bureau of Eastern Remedial Action
50 Wolfe Road, Room 208
Albany, NY 12233-7010

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SUBJECT: Location Map of EPA Samples Collected for Plutonium-239/240 at SEAD-12, Seneca Army Depot Activity, Romulus, NY

Dear Mr. Vazquez/Mr. Paszko:

Please find enclosed a map of the soil sampling locations where EPA samples were collected in December 1999 and analyzed for Plutonium-239/240. Please note that no sample was collected at MW12-6; this location is shown for reference. Sample locations SS12-9, SS12-13, and SS12-14 are Parsons ES' original sample locations that were collected and re-analyzed in December 1999 by both Parsons ES and EPA. Sample location SS12-2 is a Parsons ES original sample location and was collected and re-analyzed by EPA only. Sample location EPA12-1 was collected and re-analyzed by both EPA and Parsons ES laboratory. The remaining locations (EPA12-2 through EPA12-16) were collected for analysis by EPA only. Data from the four samples analyzed by Parsons ES are attached to this letter. Please note that this data presentation is slightly different than that distributed during the January 2000 BCT meeting.

If you have any questions or concerns regarding this figure, please do not hesitate to call me at (781) 401-2535 or Michael Duchesneau at (781) 401-2492.

Sincerely,

PARSONS ENGINEERING SCIENCE, INC.

Jacqueline Travers

Jacqueline Travers, P.E.
Task Order Manager

cc: Mr. Tom Enroth, CENAN-PP-HE
Mr. Stephen Absolom, SEDA
Mr. Jim Mullikin (USACHPPM)

Mr. Keith Hoddinott, USACHPPM (Prov.)
Ms. Dorothy Richards, CEHNC-PM-ND

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**Comparison of Original Sampling Data from the North End to Re-sampling data at
Four North End Locations.**

Original Pu-239/240 Data - Requested D.L = 0.1 pCi/g (November 1997)

<i>Sample ID</i>	<i>Radionuclide</i>	<i>Value(pCi/g)</i>	<i>Error</i>	<i>Lab Qualifier</i>	<i>Parsons Qualfier</i>
SS12-13	Plutonium-239/240	0.3	0.1	ND	UJ
SS12-2	Plutonium-239/240	0.2	0.2		UJ
SS12-13	Plutonium-239/240	0.2	0.1	ND	U
SS12-9	Plutonium-239/240	0.2	0.1	ND	U
SS12-14	Plutonium-239/240	0.3	0.1	ND	UJ

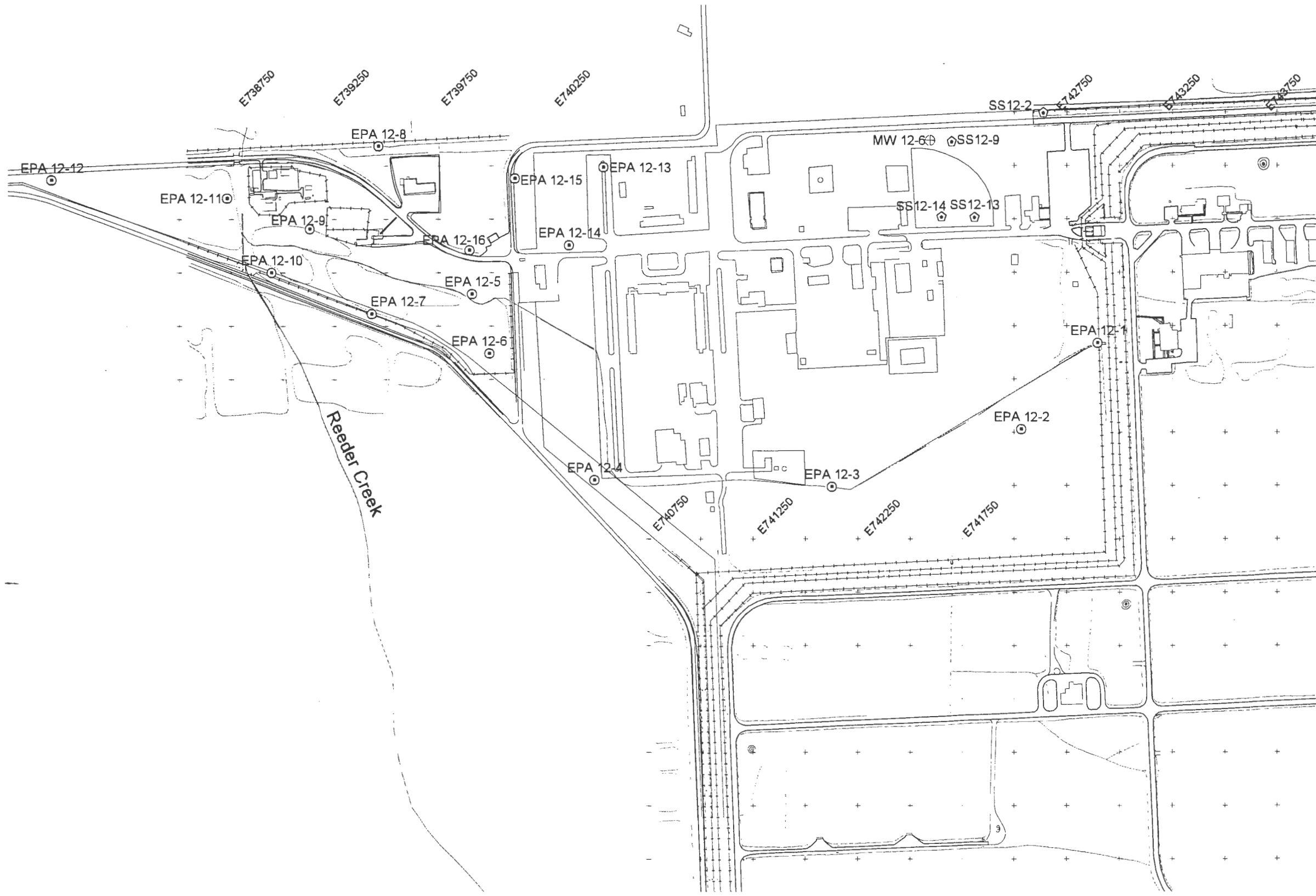
New Re-sampling Results - Requested D.L. = 0.01 pCi/g (December 1999)

<i>Sample ID</i>	<i>Radionuclide</i>	<i>Value(pCi/g)</i>	<i>Error</i>	<i>Lab Qualifier</i>	<i>Parsons Qualfier</i>
123506 (SS12-14)	Plutonium-239/240	0.007	0.00412	none	NA
123508 (EPA12-1)	Plutonium-239/240	0.005	0.00348	none	NA
123504 (SS12-13)	Plutonium-239/240	0.077	0.0156	none	NA
123502 (SS12-9)	Plutonium-239/240	0.009	0.00538	none	NA

Notes:

NA - Not available at this time.

A sample was re-collected from SS12-2 and analyzed by EPA's laboratory only.



Legend

- EPA Surface Soil Location
- ⊕ Monitoring Well Location
- ⊙ Surface Soil Re-Sampling Location
- - - Fence Line



Locations

Loc_id	Easting	Northing	Elevation
EPA 12-1	742890.393	1015174.477	630.506
EPA 12-2	742526.456	1014769.775	635.612
EPA 12-3	741616.907	1014498.762	634.951
EPA 12-4	740484.169	1014530.363	626.622
EPA 12-5	739901.022	1015404.240	607.315
EPA 12-6	739981.674	1015125.701	622.796
EPA 12-7	739422.906	1015311.721	609.018
EPA 12-8	739456.568	1016096.567	614.476
EPA 12-9	739123.910	1015709.318	612.989
EPA 12-10	738936.896	1015504.436	605.036
EPA 12-11	738724.927	1015852.753	595.366
EPA 12-12	737894.072	1015939.766	605.716
EPA 12-13	740528.103	1015994.897	627.731
EPA 12-14	740363.032	1015630.702	623.714
EPA 12-15	740102.875	1015943.713	622.582
EPA 12-16	739888.543	1015608.285	620.158
SS12-2	742629.600	1016253.000	645.587
SS12-9	742192.000	1016116.000	634.040
SS12-13	742301.500	1015763.000	634.330
SS12-14	742143.700	1015764.300	640.400



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Seneca Army Depot Activity

**EPA
 SURFACE SOIL
 LOCATIONS**