



July 27, 2010

Ms. Martha Rudolph
Executive Director
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80246-1530

Re: Elevated Levels of Plutonium and Americium at Rocky Flats

Dear Ms. Rudolph:

A significant concern has arisen regarding increased levels of Plutonium 239, 240 and Americium 241 at Rocky Flats. The City and County of Broomfield continues to receive and review groundwater monitoring results from Rocky Flats. In performing these reviews, it has come to our attention that levels of Plutonium 239, 240 and Americium 241 are increasing over time at certain groundwater monitoring wells on the Rocky Flats site.

Attached for your immediate reference are graphs of the monitoring results for these isotopes. The monitoring well locations are noted on the map included with the graphs.

These results raise significant concerns about the effectiveness of the remediation program at Rocky Flats. As a downstream community from Rocky Flats, Broomfield is relying everyday on the success of the remediation programs at the site to preserve the public health, safety and welfare of its residents.

Given the immediacy of the situation, I request that the CDPHE determine what is causing the increased levels and what corrective action needs to be taken and when.

I will very much appreciate your letting me know as soon as possible what we can expect from the CDPHE.

Sincerely,

A handwritten signature in black ink, appearing to read "George DiCiero".

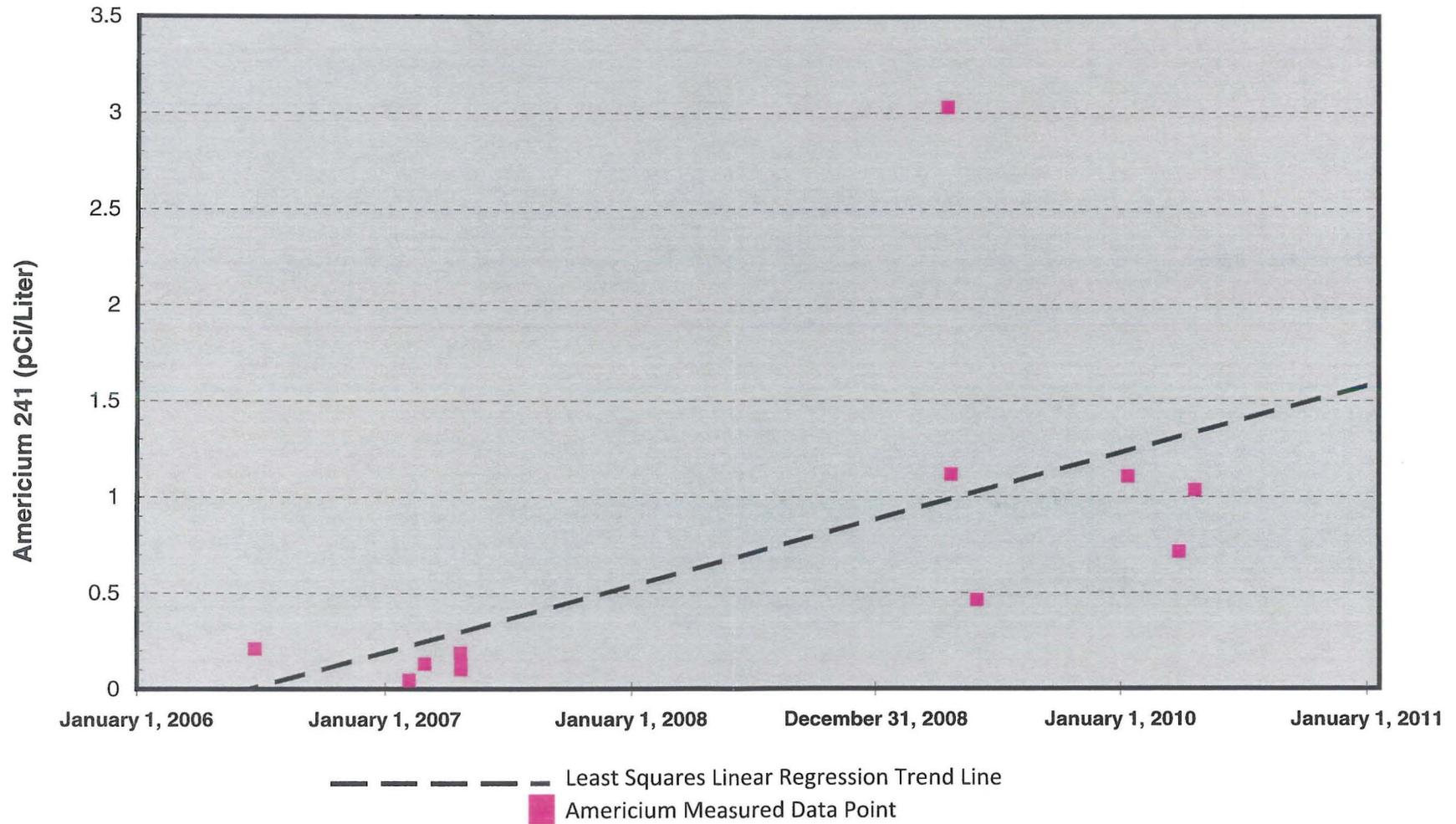
George DiCiero
City and County Manager

Enclosures

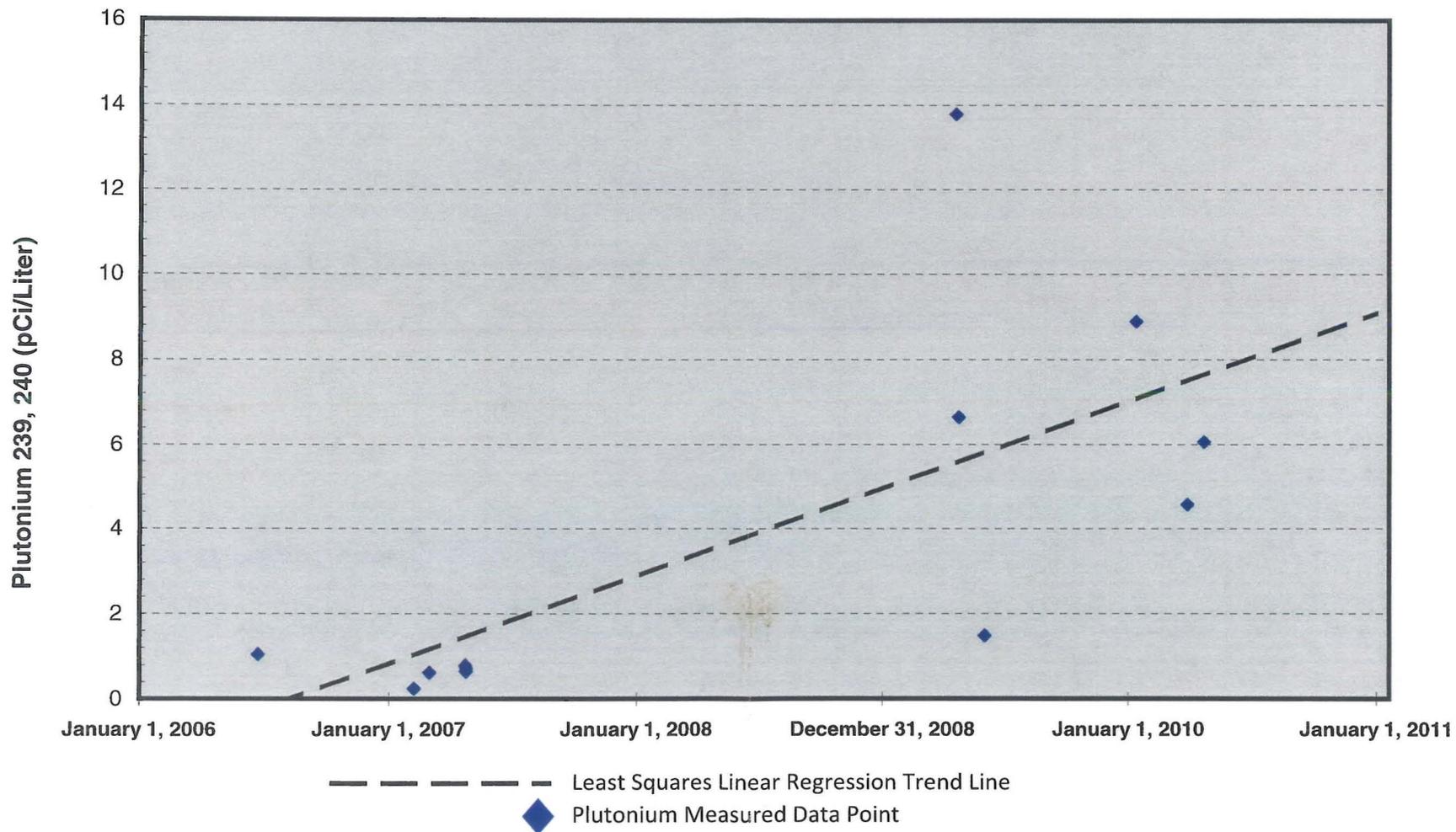


Cc: Lori Cox, Broomfield City Council
Alan King, Broomfield Public Works Director
Bill Tuthill, Broomfield City and County Attorney
Kevin Standbridge, Broomfield Assistant City and County Manager
Rosann Doran, Broomfield Public Information Officer
John Watson, Berenbaum Weinshienk, PC
Doug Young, Senator Udalls' Office
Zane Kessler, Senator Bennett's Office
Andy Schultheiss, Representative Polis' Office
Dave Geiser, DOE-LM
Ray Plienness, DOE-LM
Scott Surovchak, DOE-LM
Dr. Steven Chu, Secretary of Energy
James Martin, USEPA
Carol Rushin, USEPA
Larry Svoboda, USEPA
Vera Moritz, USEPA
Howard Roitman, CDPHE
Joe Schieffelin, CDPHE
Carl Spreng, CDPHE
Steve Berendzen, USFWS
Joe Nims, Women Creek Reservoir Authority
Brent McFall, Westminster City Manager
Cathy Sugarts, City of Westminster
Shelley, Stanley, City of Northglenn
Bud Elliot, City of Thornton
David Abelson, Rocky Flats Stewardship Council

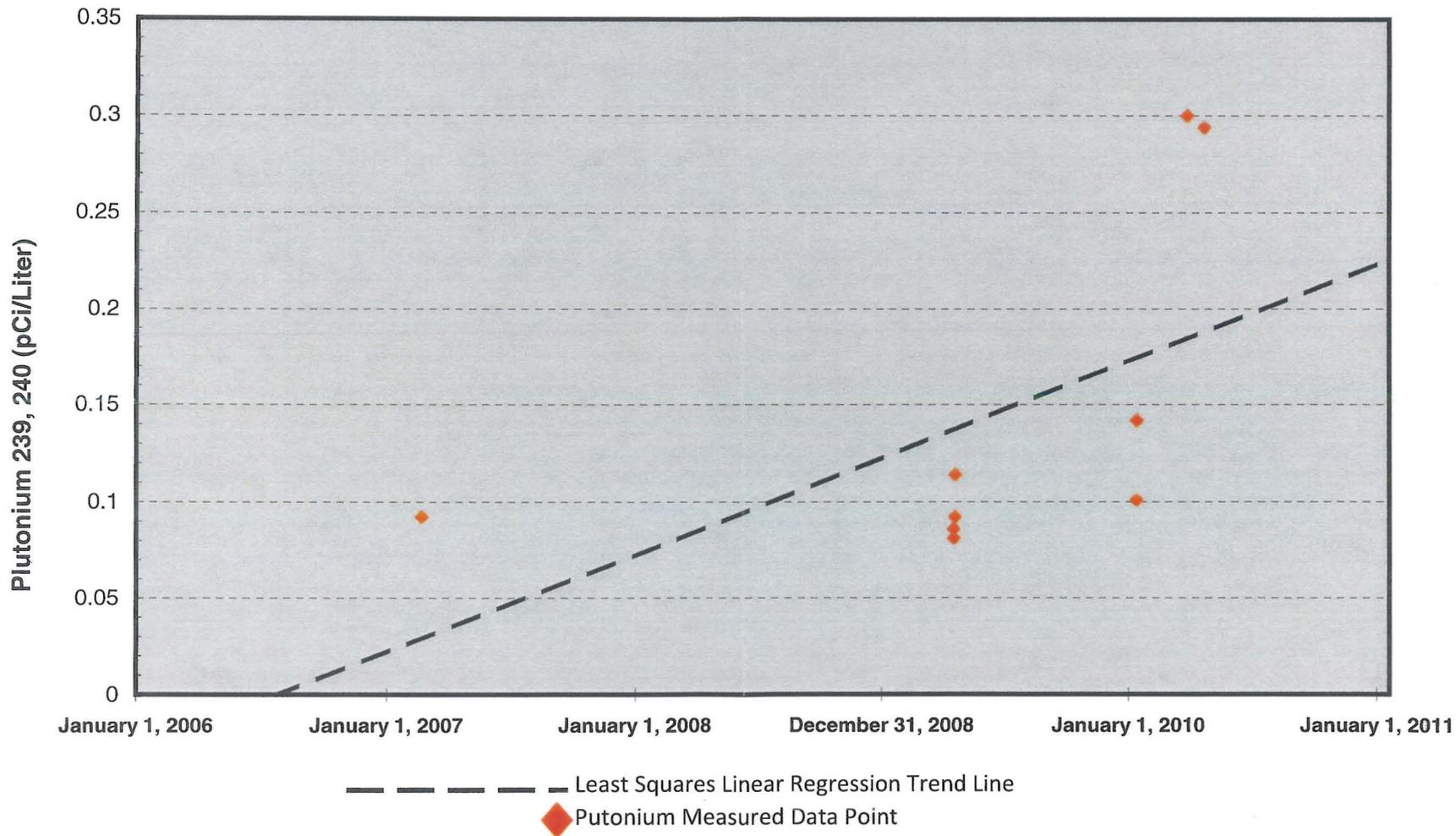
Investigative Monitoring Location GS51
Upstream of Pond C-2 in Woman Creek Drainage Basin
(Drainage area tributary to the South Interceptor Ditch (SID) and south of former 903 Pad)
Source: DOE GEMS data extracted on July 12, 2010

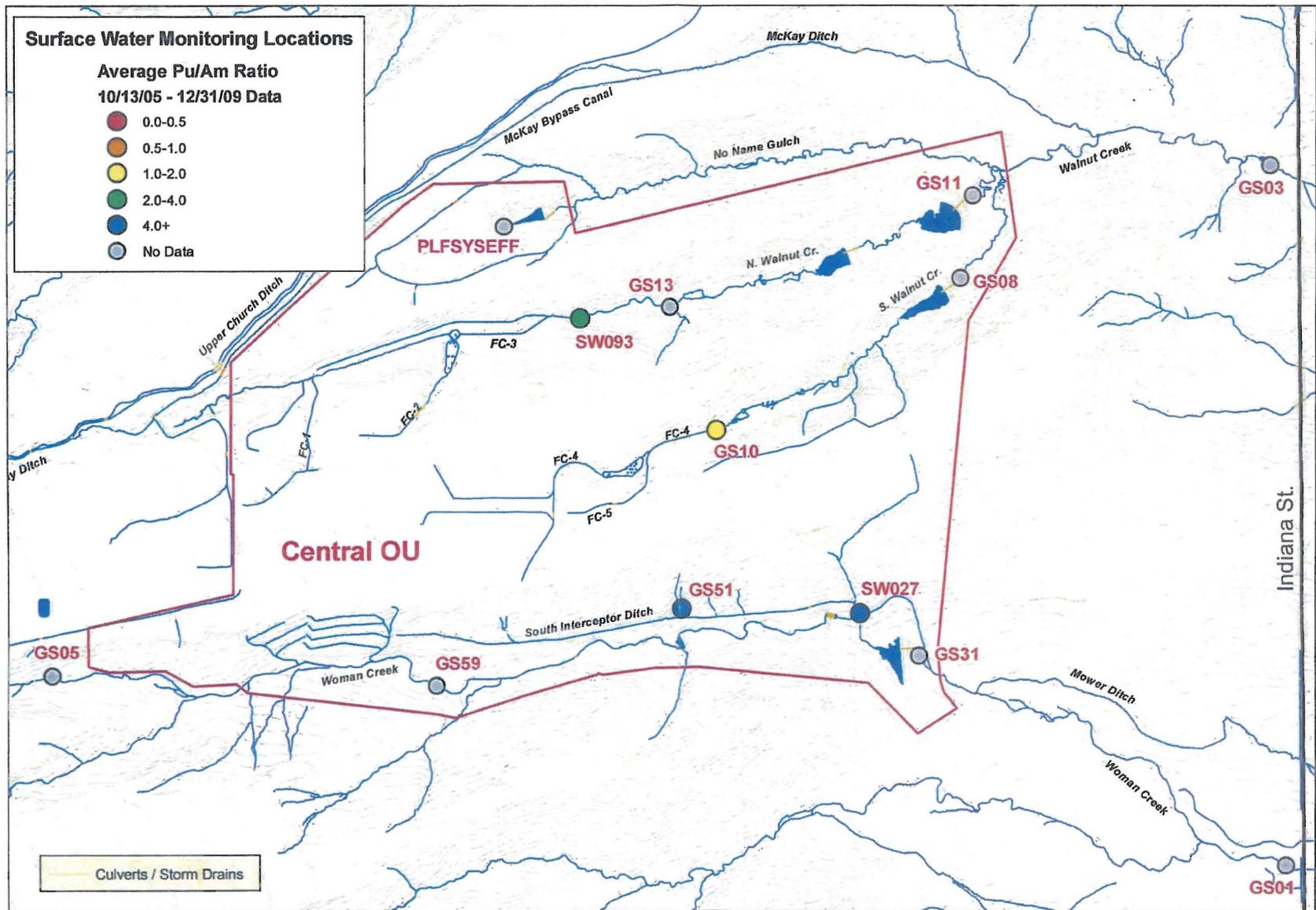


Investigative Monitoring Location GS51
Upstream of Pond C-2 in Woman Creek Drainage Basin
(Drainage area tributary to the South Interceptor Ditch (SID) and south of former 903 Pad)
Source: DOE GEMS data extracted on July 12, 2010



Point of Evaluation Monitoring SW27
South Interceptor Ditch (SID) at Pond C-2
Woman Creek Drainage Basin
Source: DOE GEMS data extracted on July 12, 2010





Note: Only locations with four or more results are mapped.

Figure 3-118. Post-Closure Average Pu/Am Ratios