



DEPARTMENT OF THE NAVY
CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
300 HIGHWAY 301
CRANE INDIANA 47522-5003

N00164.AR.000954
NSWC CRANE
5090.3a
IN REPLY REFER TO
5090/S4.7.1
Ser RP3/5186
26 MAY 2005

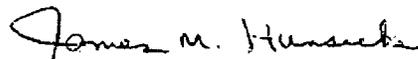
Indiana Department of Environmental Management
Corrective Action Section
Office Of Land Quality
Hazardous Waste Permits
100 N Senate Ave
PO Box 6015
Indianapolis, In 46206-6015

Dear Mr. Griffin:

Crane Division, Naval Surface Warfare Center submits change pages for the Round 2 investigation at the Building 106 Pond (B106P), Solid Waste Management Unit 8. These changes are in response to your comments dated May 13, 2005. The change pages and responses to comments are found in enclosure (1). The permit required Certification Statement is provided as enclosure (2).

If you require any further information, my point of contact is Mr. Thomas J. Brent, Code RP3-TB, at 812-854-6160, email thomas.brent@navy.mil.

Sincerely,


JAMES M. HUNSICKER

Manager, Environmental Protection
By direction of the Commanding Officer

Enclosures: 1. Change Pages for Round 2 Investigation at B106P
2. Certification Statement

Copy to:
ADMINISTRATIVE RECORD
SOUTHNAVFACENGCOM (Code ES31) (w/o encl)
USEPA (Pete Ramanuskas)
TTNUS (Ralph Basinski) (w/o encl)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

James Hunsche
SIGNATURE

Manager, Environmental Protection
TITLE

5/25/05
DATE

From: Johnston, Tom
Sent: Tuesday, May 24, 2005 11:51 AM
To: 'Gates, William H CIV EFDSOUTH'; 'Brent, Tom (E-mail)'
Cc: Basinski, Ralph; Sedlmyer, Ed; Goldman, Mary Lou
Subject: RE: FW: Change Pages for SWMU 08 Round 2 Investigation

Bill/Tom

Here are responses in direct reply to the comments and questions posed by Doug Griffin (in the e-mail below this one) regarding SWMU 8 analyses:

Hard copy change pages for the SWMU 8 Round 2 Investigation have been provided separately in a transmittal from Ralph Basinski to William Gates dated May 23, 2005 (signed by T. Johnston).

Comment and Question 1:

Table 2 - clarification...you are running 8270C for dioxane to use the solvent extraction instead of purge and trap?

Response 1:

Yes, method 8270C, which includes solvent extraction followed by gas chromatographic/mass spectrometric analysis, will be used for the 1,4-dioxane analyses.

Comment and Question 2:

Table 3 - there is a footnote 2 saying see Table 5, but Table 5 doesn't have that information.

Response 2:

Table 5 has been revised and now includes the detection and reporting limits for 1,4-dioxane analyzed by method 8270C.

Comment and Question 3:

Table 3 - ?you're using 8015B for the FID, are you going to do solvent extraction for that as well?

Response 3:

The reference in Table 3 to method 8015B was incorrect. This has been changed to indicate that method 8270C will be used to analyze 1,4-dioxane. There is now one column identifying VOC analyses by method 8260B and one column identifying SVOC analyses (including 1,4-dioxane but excluding PAHs, hexachlorophene, and pentachlorophenol) by method 8270C.

Comment and Question 4:

Table 4 - note 3 says see Table 4...should be Table 5?

Response 4:

Yes, the reference to Table 4 in footnote 3 should be to Table 5. This has been corrected.

Additional Changes:

In addition to changes referenced above, the units listed in Table 5 for Laboratory TV and RL (Solid Matrix) have been corrected to mg/kg. They were previously ug/L.

All footnote callouts, footnote numbers, and footnotes have been corrected to reflect changes made as identified above.

Please let me know if you have any questions.

Regards,

Tom Johnston, PhD

Senior Environmental Project Manager
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From: Gates, William H CIV EFDSOUTH [mailto:william.gates@navy.mil]
Sent: Monday, May 16, 2005 7:49 AM
To: Basinski, Ralph (E-mail); Johnston Tom (E-mail)
Subject: FW: FW: Change Pages for SWMU 08 Round 2 Investigation

-----Original Message-----

From: DOUG GRIFFIN [mailto:DGRIFFIN@idem.in.gov]
Sent: Friday, May 13, 2005 15:34
To: Brent, Thomas CIV NAVSURFWARCENDIV Crane, Code RP3-TB
Cc: Gates, William H CIV EFDSOUTH; johnstont@ttnus.com
Subject: Re: FW: Change Pages for SWMU 08 Round 2 Investigation

Questions and comments:

Table 2 - clarification...you are running 8270C for dioxane to use the solvent extraction instead of purge and trap?
Table 3 - there is a footnote 2 saying see Table 5, but Table 5 doesn't have that information
Table 3 - ?you're using 8015B for the FID, are you going to do solvent extraction for that as well?
Table 4 - note 3 says see Table 4...should be Table 5?

>>> "Brent, Thomas CIV NAVSURFWARCENDIV Crane, Code RP3-TB" <thomas.brent@navy.mil> 5/6/05 4:01:45 PM >>>

Doug,

The attached contains change pages for the Round 2 Investigation at the Building 106 Pond (SWMU 8) and is submitted for your review and approval. The purpose is to obtain a lower detection and reporting limit for 1,4-dioxane and to eliminate analysis of PAH, pentachlorophenol, and hexachlorophene. The changes affect Tables 2, 4, and 5. These changes focus the analyte lists on those chemicals of greatest importance while optimizing the choice of analytical methods to yield the greatest possible sensitivity from routine analyses.

Thanks,

Tom

5090

Ser RP3/5186

28 May 2005

The letter Ser RP3/5186 was for the
submittal of change pages and response to
comments for the Round 2 Sampling Locations
Background and Rational at SWMU 8 Report.
The change pages were added to the draft
report dated 4/20/05.