

Restoration Advisory Board Meeting

NEX Garage Septic Tank Site

COMNAVMARIANAS, Guam

Project Update

August 29, 2002

LOCATION: HYATT REGENCY HOTEL
TUMON, GUAM

FOR: AMEC EARTH & ENVIRONMENTAL

PREPARED BY: JEFFREY W. ANDERSON
PALABRA
ELECTRONIC RECORDING/TRANSCRIBING
P.O. BOX 9787, TAMUNING, GUAM 96931

ORIGINAL

1 TUMON, GUAM: THURSDAY, AUGUST 29, 2002 9:10 P.M.

2 -oOo-

3
4 NEX Garage Septic Tank Site Project Update

5
6 ERIC WETZSTEIN: Okay. Thank you. Our
7 final talk this evening is the Proposed Plan
8 for the NEX Garage Site.

9 This is another Proposed Plan. Same
10 conditions apply, formally recording your
11 comments and input. This is also another
12 similar story where we've done a Remedial
13 Investigation and we've done cleanup, and we've
14 met cleanup goals here. So this is another
15 good success story, about a successful cleanup,
16 I'd like to brief you on tonight.

17 The NEX Garage Site is actually located
18 quite near the dry cleaning shop site. Just
19 over here, down the road, very near the back
20 entrance. Those of you who know where the PWC
21 landfill is, and the back entrance to
22 COMNAVMAR, it's located quite near there.

23 Again; where is this site at? At this
24 site, we did those history gathering stages;
25 and that confirm or deny stage, and that was

1 recommended for a Remedial Investigation. And
2 that was completed in February of '96.

3 Now at that stage, we had done a human
4 health risk assessment. And based on the
5 samples, and all the groundwater sample that's
6 done in a Remedial Investigation, it was
7 determine that it was within acceptable risk
8 range.

9 However, things remained at this site
10 that maybe signaled future trouble. And that
11 was, that there was a long line, there was a
12 sump, with some oily sludge is in, and then
13 there was those small portion of an outfall
14 that went near the ocean. And they weren't
15 appearing to contribute contamination during
16 the RI, but we wanted to make sure that those
17 were removed so they wouldn't ever in the
18 future contribute any contamination. So that's
19 what I'm going to really brief you on tonight.

20 These are just engineering documents
21 that sort of look at the details of how they
22 would do that. And then we're in -- the actual
23 removal action of those items, were done quite
24 recently. There was a work plan, they
25 implemented the cleanup in January of 2001,

1 then June of 2002, and then issued a series of
2 reports that documented that cleanup and
3 sampling underneath to make sure the cleanup
4 was complete.

5 And so now, here we are in the Proposed
6 Plan stage with the same public comment period,
7 as the previous slide and that's August 25,
8 2002 to September 25th. And again, that has
9 changed for what you might have seen previous,
10 but these are the official dates now. It's
11 been reset with the RAB.

12 So the NEX Garage septic tank site,
13 here is the -- a building that performed
14 automotive functions, maintenance on cars for
15 the NEX facility. So people would take
16 personal cars in there, there was some maybe
17 some fleet vehicles at one time that had been
18 worked on in there.

19 In any case, there was a waste oil tank
20 that was located here. And many of the drains
21 that came out of this facility, drained into
22 this waste oil tank. Well, that was removed,
23 that waste oil tank was removed under the UST
24 Program again, the Underground Storage Tank
25 Program. And when they removed it, they

1 noticed this thing had a line in the top of it,
2 when it got full, that it ran into another
3 pipe. And then it was also noticed that it ran
4 into a pipeline that actually went down to a
5 sump... what we're calling a septic tank. It's
6 really not clear what it was. It has a series
7 of baffles. I'm going to be showing you a
8 photo of this later. And that in turn, had an
9 outfall that went into the ocean.

10 So during the RI, all this was looked
11 at; borings around this, along this line,
12 around the tank, down this line and even out
13 Marine Biota. Just like we did for the Orote
14 landfill site, were sampled off shore and along
15 this line that went out there.

16 Just another detail, that was removed
17 in 1987 and it was used from '55 to 1975.

18 Okay. So the cleanup activities
19 consisted of removing and disposing of the
20 septic tanks and the contents of that septic
21 tank. Again, it was full of sludgy material
22 that we just -- it was basically an open hazard
23 for one thing. And it was -- it had a
24 potential for releases in the future. So that
25 was removed. This line from here to here -- it

1 was eight hundred and sixty feet of associate
2 pipeline. Where other lines ran into it, those
3 were capped, cleaned and grouted close. And
4 this line was removed up into the road to where
5 there were pipelines and other infrastructure
6 that prevented us from removing that. And the
7 remainder of the lines were cleaned and sealed.

8 And the reason this was kept in place,
9 this part had a lot infrastructure underneath.
10 You could look into it, you could clean it to
11 the best of your ability, but also, it was
12 determined through regulatory input and input
13 from the Navy, that the wetlands are more
14 important to not digging a bulldozer through
15 there and pulling up a line, that we can
16 inspect it, look at it and close it in place.

17 And also, this portion of the pipeline
18 out here, is encrusted with, you know, fairly
19 fresh coral reef. And you didn't want to go
20 out there and rip up the coral reef, to remove
21 this line. If you went out there now, it's
22 very hard to see the line, it's very encrusted.
23 So it's become part of the -- sort of the
24 natural area.

25 Here's some the cleanups in progress,

1 where they exposed the top the septic tank.
2 You can see these chambers in -- there were
3 materials removed from those chambers and those
4 were disposed off properly. Also the trenches
5 where the pipelines were excavated from, the
6 pipelines were cleaned, decontaminated -- any
7 contaminated materials were disposed of in
8 proper facilities.

9 Finally, a systematic approach, to
10 sampling underneath those pipelines was
11 employed. To ensure that the cleanup goals
12 were accepted for this project were met for the
13 cleanup. And all along here, this -- like I
14 say, was removed. This was removed up into an
15 area up here. All these were sampled for the
16 compounds of concern that we had been mandated
17 to do for the cleanup to look at for
18 confirmation and were met.

19 In these areas that went under the
20 road, there were bedding materials underneath
21 pipelines and road that were removed to the
22 extent practical. When we sampled that for
23 compounds outside the cleanup things,
24 basically, a set of metals; and two of them
25 were slightly above PRG's for Chromium and

1 Arsenic, and those were removed to the extent
2 practical and the bedding materials were then
3 buried. And then the whole site was backfilled
4 with clean backfill and leveled off. So today,
5 if you went out there, it would look you know,
6 much as the natural topography looks. So it
7 was a very successful cleanup.

8 Basically, the Proposed Plan says this
9 has achieved the cleanup goals and objectives
10 established for the site. And in fact,
11 remember I told you during the RI, that there
12 was no risk determined at this site, there was
13 only a potential risk from compounds inside the
14 septic tank and the pipelines; and those are
15 now removed, so there's even less potential for
16 any risk. And based on that, this site is also
17 recommended for no further action status.

18 The schedule on that, is a Final
19 Closure Report, was completed in July of 2000.
20 Proposed Plan, submitted in August of 2000.
21 Final decision dock, you expected, to be
22 completed in October 2000. Now is the time for
23 your formalized input, especially at this
24 meeting. And site closure with no further
25 action is pending your review and comments.

PUBLIC COMMENTS

1

2

3

4

5

MR. TSU TSUI: Thank you, Eric. Are there any comments on the former NEX pipeline site?

6

TRINI TORRES: Could I make a comment?

7

8

MR. TSU TSUI: Trini, sure. Where is that microphone?

9

TRINI TORRES: You said, there was some metals found in -- I probably don't need it... (laughs) You said there was arsenic? Where do you suppose that thing comes from? How much in terms of quantity could have passed through that?

15

MR. TSU TSUI: The quantity of fuel?

16

TRINI TORRES: Yes, arsenic. No, no.

17

MR. TSU TSUI: Oh, arsenic?

18

TRINI TORRES: Yes.

19

MR. WETZSTEIN: Yeah.

20

21

TRINI TORRES: That's very poisonous, you know.

22

23

24

25

MR. TSU TSUI: The question was, this pipeline was like a conduit of the oily waste from the auto hobby shop, or the auto shop from the Navy Exchange, and arsenic -- was arsenic

1 one of the contaminants?

2 MR. WETZSTEIN: No, no.

3 MR. TSU TSUI: Okay.

4 MR. WETZSTEIN: Where this was found is
5 when they began to excavate under the road,
6 there was bedding material around an active
7 pipeline. Such as, you would put bedding
8 material to support piping when you put it in.

9 And that was sampled just as a matter
10 of course. And they removed that to the extent
11 that they could. But when they sent that, they
12 had whole list of metals, and two of them that
13 popped over, what they called industrial PRG's
14 were arsenic and chromium.

15 Those were in higher concentrations
16 during the health risk assessment, and were not
17 found to be a problem. So these were
18 relatively low concentrations, but we wanted to
19 tell you they were detected in there, just as a
20 matter of information.

21 MR. TSU TSUI: They're not part of the
22 source contaminant.

23 MR. WETZSTEIN: No, they are not
24 associated with the source. They were
25 associated with the bedding material around

1 those pipes.

2 MR. TSU TSUI: Bedding material that's
3 put in to ensure that the pipe doesn't break,
4 the soft sand material like that they put on
5 the side.

6 MR. WETZSTEIN: And so that was also
7 removed to the extent practical, but you
8 couldn't take it all out. You would be
9 following lines well up, and you'd be
10 undermining active waterlines. So, they are
11 not problematic from a human health concern
12 because they're at depth, they're isolated from
13 the surface, and they're not compounds that are
14 expected to move. The metal are very --

15 MR. TSU TSUI: And the bedding is still
16 functional in protecting the line.

17 MR. WETZSTEIN: Right.

18 MR. TSU TSUI: Okay, so it's still
19 operational. Did that answer your question,
20 Trini?

21 TRINI TORRES: Yes, and not quite.

22 MR. TSU TSUI: You have another
23 question, sure?

24 TRINI TORRES: No, the same thing as...

25 MR. TSU TSUI: Okay.

1 TRINI TORRES: ...it's part of the
2 structure, right, the bedding?

3 MR. TSU TSUI: Yes.

4 TRINI TORRES: But just -- where along
5 the pipeline was that? Along the pipes -- just
6 how often, how frequent did you find it, or --

7 MR. WETZSTEIN: It was just one segment
8 where we --

9 MR. TSU TSUI: Her question is, where
10 was it -- where else was the bedding, where was
11 the bedding found, where exactly are all these
12 locations...

13 MR. WETZSTEIN: Okay.

14 MR. TSU TSUI: ...was it just there?

15 TRINI TORRES: Yes, because my
16 understanding is that you removed some of the
17 pipe, you capped that, you know...

18 MR. WETZSTEIN: Right.

19 TRINI TORRES: ...you closed it off,
20 but some parts you didn't remove. So I'm just
21 wondering, just how frequent, were there
22 intervals of where you found those...

23 MR. WETZSTEIN: The bedding...

24 TRINI TORRES: Yes...

25 MR. WETZSTEIN: ...the bedding --

1 TRINI TORRES: ...the bedding?

2 MR. TSU TSUI: Is there other places
3 where arsenic may be?

4 MR. WETZSTEIN: Right. Is there other
5 places where arsenic may be? Well, let me
6 clarify, that the materials around, are cleanup
7 objectives, around this line, and all the
8 samples we took in place of the cleanup, met
9 the goals that we needed to.

10 The samples that we did take were
11 around that bedding material were in support of
12 other lines. There was an active waterline,
13 and most of that bedding material had to be
14 removed for us to do our cleanup. As we
15 removed, that we took the metal sample in there
16 and it was removed to the extent practical
17 right up under the road. So it was just a very
18 small segment where that was found, right in
19 this area.

20 TRINI TORRES: So you didn't find it
21 any other --

22 MR. WETZSTEIN: No, no. It was
23 isolated occurrence.

24 TRINI TORRES: (Audible but
25 unintelligible)

1 MR. TSU TSUI: And, was it allowed to
2 be left in place, when the regulators were
3 viewing that?

4 MR. WETZSTEIN: Yes.

5 MR. TSU TSUI: Okay. Anymore questions
6 on it, Trini?

7 TRINI TORRES: Just concerned, you
8 know, it could be somewhere else (audible but
9 unintelligible).

10 MR. TSU TSUI: Right. Okay, thank you.
11 Any other questions on the Navy Exchange garage
12 project, this good news of a cleanup taken to
13 its completion?

14 Okay. Well, the public comment period
15 still goes on, and other reviewers may want to
16 comment on that. It's also still with the
17 regulators as well. Cole?

18 COLE: Yes, seeing what the Navy did
19 out there at the former Naval Air Station,
20 they're cleaning up that dumpsite, and then the
21 liner they put down in the (audible but
22 unintelligible). They did a nice beautiful job
23 out there. Everybody that drives by there can
24 tell, you know, they did quite a job.

25 But then after Chata'an, someone made

1 the decision to go out there and put more dump
2 on the former Naval Air Stations. What's your
3 comments on that?

4 MR. TSU TSUI: Oh, you mean, the
5 typhoon debris...

6 COLE: Right.

7 MR. TSU TSUI: ...storage location?

8 COLE: So called, typhoon debris.

9 MR. TSU TSUI: Okay. Well, we -- the
10 Navy can't comment on that, because the land
11 has been turned over to the Governor of Guam.
12 And the operation, control, the decisions in
13 regarding the use is not our area. So the fact
14 that GovGuam felt it important to use it as a
15 temporary staging with good oversight and
16 control and guarantees that it'll get cleaned
17 up afterwards, I guess that was all within
18 their own purgative and decision making on
19 that.

20 So if you have further questions on
21 that, we can make sure that we have Guam EPA
22 address those. But that's how we understand
23 it.

24 COLE: Right.

25 TRINI TORRES: Could I ask you? They

1 dumped the debris on top of the layer of the --

2 COLE: No, no --

3 MR. TSU TSUI: No, not on the landfill
4 site. He was referring to the fact that there
5 was so much effort to take of a former landfill
6 site. What was our comment on using another
7 part of Tiyan to create essentially what looked
8 like another dumpsite, after, you know, so much
9 effort is done to cleanup the site.

10 COLE: Yeah, (audible but
11 unintelligible)

12 MR. TSU TSUI: But again -- yeah.

13 TRINI TORRES: Yeah.

14 MR. TSU TSUI: But again, that's an
15 area that's out of our area. But we have Guam
16 EPA representatives here, they can talk to you
17 about that. Any other questions or comments on
18 the good news of the Navy Exchange cleanup, to
19 its completion?

20 TRINI TORRES: Well, can I comment
21 that, that was a good job. I mean, we've been
22 going through this forever --.

23 MR. TSU TSUI: Yes, you've been
24 following this for many, many RAB's.

25 MR. WETZSTEIN: Yeah, you have.

1 MR. TSU TSUI: You've seen it go from
2 stage to stage to stage and now you finally see
3 it as a RAB to its completion, right?

4 TRINI TORRES: Right, (Audible but
5 unintelligible)

6 MR. WETZSTEIN: Yeah.

7 MR. TSU TSUI: Yeah, it's great right?

8 TRINI TORRES: Yes, (Audible but
9 unintelligible) doing nicely --

10 MR. TSU TSUI: And that's doing nicely
11 cause you're watching that too.

12 TRINI TORRES: (Audible but
13 unintelligible) out and everything...

14 MR. TSU TSUI: Yeah.

15 TRINI TORRES: ...a smooth layer of
16 dirt over it, it looks really clean.

17 MR. TSU TSUI: Okay, excellent, okay.
18 Any other comments by anybody? Then I'll turn
19 the floor back over to our co-chair.

20 MIKE GAWEL: I think, it's time to
21 close down now and I'd like to thank all the
22 participants, and all those that have come to
23 here and ask questions. And I especially like
24 to thank, my presenters, Darlene and Eric doing
25 a fine job; and Roy, thank you for all of the

1 facilitation and the good work you did there.
2 If there are no more, further questions, I'd
3 like to --

4 MR. TSU TSUI: Maybe, you can mention
5 Tom. Mike or Commander, would you maybe
6 mention the next RAB tentative date?

7 LT COMMANDER TOM SCHEUERMANN: Yeah,
8 I'd just like to add other comments. Thanks
9 again for everybody's attendance. We are
10 tentatively planning the next meeting for early
11 December. Most likely the first week. We
12 still need to work out a date that's workable
13 for everybody, but we'll certainly publish that
14 well in advance.

15 And thanks again for all the great
16 questions, and I look forward to working with
17 this group, and hopefully we'll get more and
18 more participation as we move forward in
19 cleaning up these sites.

20 MR. GAWEL: Finally, I'd like to put in
21 a plug. Excuse me, our office puts out the
22 Man, Land and Sea Newsletter, and there are
23 copies out on the table outside. I hope you
24 pick one up. If you're interested in
25 subscribing, I've got a special deal. You get

1 a free subscription if you write into that
2 notice in here, who to ask for this and we'll
3 get it sent to you.

4 MR. TSU TSUI: And I believe, all of
5 you are on the Man, Land and Sea video that was
6 taken tonight. And so please look forward to
7 seeing that show on Channel 12?

8 MR. GAWEL: Channel 12, yes.

9 MR. TSU TSUI: And it will be announced
10 when it is, and maybe you'll see yourself on
11 Man, Land and Sea. A great environmental
12 program. Rick?

13 RICK: Eric's (Audible but
14 unintelligible) (laughter) That Land and Sea
15 information (Audible but unintelligible)

16 LT COMMANDER TOM SCHEUERMANN: The Navy
17 website.

18 MR. TSU TSUI: The Navy website. Okay,
19 the Navy website regarding the Installation
20 Restoration Advisory Board, you have it?

21 RICK: (Audible but unintelligible)

22 MR. TSU TSUI: Okay, good. For those
23 that may want to know about it. It's also in
24 the hand out, but it's www.guam.navy.mil, and
25 then you look for the Installation Restoration

1 link, and click on that. Okay.

2 RICK: Restoration --

3 MR. TSU TSUI: Restoration, okay, look
4 under restoration link.

5 MR. GAWEL: Thank you, good night.

6 **TUMON, GUAM: THURSDAY, AUGUST 29, 2002 9:30 P.M.**

7 **-oOo-**

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

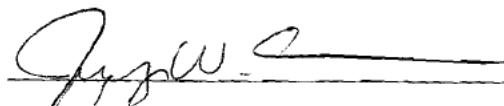
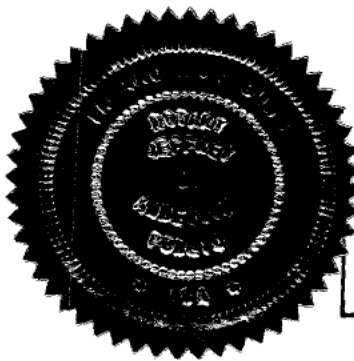
REPORTER'S CERTIFICATE

I, **Jeffrey W. Anderson**, Court Reporter, do hereby certify the foregoing 20 pages to be a true and correct transcript of the audio recording made by me at the time and place as set forth herein.

I do hereby certify that the transcript was prepared by me or under my supervision.

I further certify that I am not a direct relative, employee, attorney or counsel of any of the parties, and that I am not directly or indirectly interested in the matters presented.

In testimony whereof, I have hereunto set my hand and seal of Court this 6th day of September, 2002.

**JEFFREY W. ANDERSON****JEFFREY W. ANDERSON**
NOTARY PUBLIC

In and for Guam U.S.A.
My Commission Expires: May 08, 2006
P.O. Box 9787 Tamuning, Gu 96931