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MCAS EL TORO
SSIC # 5090.3

CLEAN II TRANSMITTAL/DELIVERABLE RECEIPT

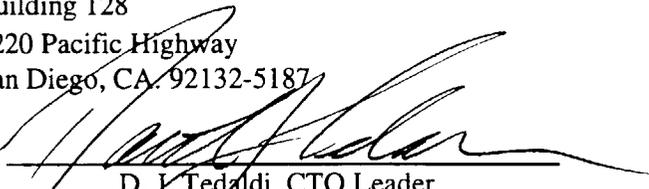
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TO: Commanding Officer
Naval Facilities Engineering Command
Southwest Division
Mr. Paul Kennedy, Code 0233.PK (1 copy)
Building 128
1220 Pacific Highway
San Diego, CA. 92132-5187

DATE: January 9, 1996
CTO #: 0080
LOCATION: San Diego, California

FROM: 
D. J. Tedaldi, CTO Leader

DESCRIPTION: Submittal of Final Results of Employee Interview at MCAS El Toro

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CLEAN II Program
Bechtel Job No. 22214
Contract N68711-92-D-4670
File Code: 0217.3

IN REPLY/REFERENCE: CTO-0080/ 0103

January 9, 1996

Joseph Joyce BRAC Environmental Coordinator
Department of the Navy - Southwest Division
Naval Facilities Engineering Command
Environmental Division
1220 Pacific Highway, RM 18
San Diego, CA 92132-5181

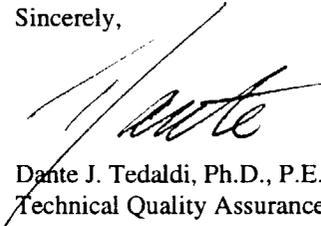
Subject: Submittal of Final Results of Employee Interview August 17, 1995, CLEAN II Environmental Management for MCAS El Toro, CTO-0080.

Dear Mr. Joyce:

I am providing this submittal that concludes our review of the former employee comments of Mr. M. White of August 17, 1995 for MCAS El Toro. This submittal includes that comments of Mr. White, a review of the areas of interest, and the BRAC Cleanup Team's final recommendations for these areas.

If I can be of any further assistance please call me in Bechtel's San Diego office at (619) 687-8780 or E-mail at DJTEDALD@Bechtel.com.

Sincerely,



Dante J. Tedaldi, Ph.D., P.E.
Technical Quality Assurance MCAS El Toro

Attachment: Submittal of Final Results of Employee Interview August 17, 1995

cc: Larry Vitale, Remedial Project Manager
Juan Jimenez, RPM Base Closure Branch
Bonnie Arthur, RPM



Bechtel National, Inc. Systems Engineers-Constructors

**FOLLOW UP TO INTERVIEW
WITH FORMER
MCAS EL TORO EMPLOYEE**

January 1996

INTRODUCTION

On August 17, 1995, an interview was conducted with a former employee of MCAS El Toro. The issues brought forth by this interview were noted in the previously released document "Interview with former MCAS El Toro Employee, Mr. M. White, August 31, 1995." At the request of the BCT, a preliminary evaluation was performed to assess which previous or currently planned sampling activities address the items identified in this document. The results of this additional work are presented in the section "*Follow Up*" on the attached table. The interpretations and judgments in the "*Follow Up*" Section are based on limited data extracted from the following sources:

- MCAS El Toro Final RCRA Facility Assessment Report, July 1993;
- Final Phase II RI/FS Work Plan and Field Sampling Plan MCAS El Toro, July 1995;
- aerial photographs of MCAS El Toro on December 30, 1980 and March 26, 1995;
and
- conversions with personnel presently working on CTOs 65, 73, and 76.

On December 18, 1995, at the request of the BCT a site meeting was conducted with Mr. M. White to verify locations of some of the sites that were discussed at the August 17, 1995 meeting. The "*Follow Up*" on the attached table has been updated to include findings of the December 18, 1995 meeting.

Activity: Interview with former MCAS El Toro Employee,
Mr. M. White, 714/892-8677

LEAN II

CTO-0080

Conducted: 8/17/95 by U.S. EPA, MCAS El Toro, and DTSC; Site Visit 12/18/95

Date: 01/04/96

| Item | General Description of Activities | Estimated Dates of Operation | Nearest Building Number | Nearest IRP or RCRA RFA AOC/SWMU | BCT Recommendation |
|--|---|------------------------------|-------------------------|---|---|
| 1 | The old welding shop was converted from a metal plating facility. It contained a drain next to the acid bath pit which led to an outdoor leach field. Over a period of years (2) the welding staff and others from the public works center periodically (monthly) plowed the leach field. | Prior to 1978 | 315 (Area Behind) | Within IRP Site 24 and IRP Site 7 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| <u>Follow Up:</u> <i>Site 24 soil gas and soil sampling covered areas north and west of this building, however, sampling was not conducted south or east of this building. Site 24 samples were analyzed for VOCs. The activities as described appear to have been conducted within Unit 5 of IRP Site 7.</i> | | | | | |
| 2 | The Marsten matting area to the northeast of the compressor building was used to store paints, petroleum lubricants and oils. The grassy area between Buildings 296 and 295 was also used for storage. Reportedly, there were frequent spills. | | 316 | Within IRP Site 24 and IRP Site 7 Within RFA SWMU 72 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| <u>Follow Up:</u> <i>The activities as described above on the Marsten matting area were apparently conducted within or around the area of SWMU 72 - Hazardous Waste Storage Area which will be investigated as part of the Phase II RI/FS at Unit 4 of IRP Site 7. There is some uncertainty in the description of the grassy area between Buildings 296 and 295. This area is not located on the map.</i> | | | | | |
| 3 | A paint booth sump was located in the southeast corner of Building 296. The wet sump, water recirculation system, reportedly collected phenol, lead paint, metals and thinners. The system measured 30' X 30' X 10' deep. There was a drain connecting to the sanitary sewer but no information was available on whether or not the drain was used. The sump was part of the original building. | | 296 | Within IRP Site 24 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |

| Item | General Description of Activities | Estimated Dates of Operation | Nearest Building Number | Nearest IRP or RCRA RFA AOC/SWMU | BCT Recommendation |
|--|--|------------------------------|--|---|---|
| <u>Follow Up:</u> | | | | | |
| <i>The sump described above, is located within Building 296, it is presently being investigated as part of Site 24. Soil samples were collected from this area and analyzed for VOCs.</i> | | | | | |
| 4 | Building 446 was a transformer refurbishing and repair facility. PCBs may have been spilled within the building. For the period of recollection (1978 onward) the building's steel doors were welded shut and signs were posted to indicate that the area was hazardous and may have contained PCBs. | | 446 | Within IRP Site 24 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| <u>Follow Up:</u> | | | | | |
| <i>Building 446 is an electrical substation room attached to Building 445. It appears that the Building 446 described above was investigated as part of the investigation of SWMU 128 (Building 445). SWMU 128 - Storage Area (an abandoned engine test cell) was used for storage of drums, transformers, bagged asbestos, and old batteries.</i> | | | | | |
| 5 | Various tugs and tractors were returned to Building 326. West to northwest of Building 326, approximately 50 yards away, a paint locker (outside the building) held solvents and oil. | | 326 | Within IRP Site 24 <hr/> Within RFA SWMU 283 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| <u>Follow Up:</u> | | | | | |
| <i>The paint locker described above appears to be SWMU 127 - Drum Storage Area. SWMU 127 was evaluated as a Temporary Accumulation Area as part of the recent RCRA Facility Assessment(CTO 65). SWMU 127 will be recommended for No Further Action. SWMU 283 - UST 326-B is located nearby the area described above.</i> | | | | | |
| 6 | At the southwest corner of El Toro Blvd. and Z Street, directly across from a large oak tree, waste oil was mixed with jet fuel in a 300-gallon above-ground tank. The tank was removed in 1984. Reportedly, the tank's nozzle continuously leaked. There was a large stained area due to the leak. | 1975 up to 1984 | 1686, 171, 390, near golf course green Number 3 | | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |

| Item | General Description of Activities | Estimated Dates of Operation | Nearest Building Number | Nearest IRP or RCRA RFA AOC/SWMU | BCT Recommendation |
|---|---|------------------------------|---|----------------------------------|---|
| <u>Follow Up:</u> | | | | | |
| <i>The area described above appears to be contained within the area of SWMU 46 - Vehicle Storage Yard. Stained areas within this SWMU have been investigated under the RCRA Facility Assessment(CTO 65).</i> | | | | | |
| 7 | Ground support equipment storage area contained petroleum lubricants and oils and waste paints. Materials were contained within a gravel bermed area about three feet above ground surface on the gravel bed. The area was between Buildings 151 and 442. The storage area contained used sandblast grit and lead paint chips which may have been dispersed in this area (back lot of Building 442) by wind. There were engine oil leaks visible north of Building 442. | | 442/151 and near golf course green Number 5 | Possibly within RFA SWMU 264 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| <u>Follow Up:</u> | | | | | |
| <i>The storage area as described above may have been investigated as part of SWMU 264 - DRMO Storage Yard #3. Soil samples were analyzed for TRPH and VOCs during the investigation. SWMU 264 has been recommended for No Further Action.</i> | | | | | |
| 8 | At the napalm generating unit at Building 469, there were two reported spills of napalm. The operation was canceled after the spills. It is uncertain whether any material remains after volatilization (North Marine Way at Z Street). | Up to 1983 | 469 | | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| <u>Follow Up:</u> | | | | | |
| <i>Building 442 was incorrectly identified on the map as Building 469. No information of RFA or IR investigations in this area was found. This evaluation is based on the location of the site on the map not the description given.</i> | | | | | |
| 9 | For a six-month period, the gun cleaning tanks were located near Building 1789 (south of Building 469). The tanks contained Stoddard solvent. | | 1789 | | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |

| Item | General Description of Activities | Estimated Dates of Operation | Nearest Building Number | Nearest IRP or RCRA RFA AOC/SWMU | BCT Recommendation |
|---|---|------------------------------|--|--|---|
| <u>Follow Up:</u> | | | | | |
| <i>No information of RFA or IR investigations in this area was found.</i> | | | | | |
| 10 | A paint locker storage area was located near Building 1789, directly to the south. Various solvents, including toluene, methyl ethyl ketone, and xylene were used. | 1975 up to 1986 | 1789 | | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| <u>Follow Up:</u> | | | | | |
| <i>No information of RFA or IR investigations in this area was found.</i> | | | | | |
| 11 | Between Buildings 371 and 618, next to the drainage ditch, there was a 20' x 20' storage area for solvent, paints and other materials associated with refurbishment of power plant equipment. | 1975 up to 1986 | | Within RFA SWMU 242 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| <u>Follow Up:</u> | | | | | |
| <i>The area described above appears to have been investigated as SWMU 242. Soil sample chemical analyses conducted during the investigation of SWMU 242 appear to cover the materials described at this site.</i> | | | | | |
| 12 | There was a paint locker/storage between Buildings 461 and 453 and a drainage area. (Note that Building 461 does not extend over the road as indicated in CTO-0059 Phase II Work Plan, Figure F-2.). Between Buildings 462 and 454, a storm drain received paints, petroleum lubricants and oils, solvents, Freon 111, and Freon 113. A paint locker was also located between these buildings. Drop tanks were washed with a B&B slurry solution which Mr. White believed to be carcinogenic. | | Between 461 and 453. Between 462 and 454. | Likely within RFA SWMUs 139, 138, 136, 137 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| <u>Follow Up:</u> | | | | | |
| <i>The paint locker/storage between Buildings 461 and 453 described above may be SWMU 138 - Hazardous Waste</i> | | | | | |

| Item | General Description of Activities | Estimated Dates of Operation | Nearest Building Number | Nearest IRP or RCRA RFA AOC/SWMU | BCT Recommendation |
|------|--|------------------------------|-------------------------|----------------------------------|---|
| | <i>Storage Area. SWMU 138 was evaluated as a Temporary Accumulation Area as part of the recent RCRA Facility Assessment(CTO 65). The site will be recommended for No Further Action. The storm drain described above may have emptied into the oil-water separator located adjacent to this area. This oil-water separator was investigated as SWMU 139. Soil samples from this SWMU were analyzed for TRPH and VOCs. SWMU 139 is located in the area between Buildings 462 and 454. SWMU 137 is an oil-water separator located south of Building 461. SWMU 136 is an aircraft wash area located east of Building 461. No information of a paint locker/storage between Buildings 462 and 454 as identified above was found.</i> | | | | |
| 13 | Northwest of Building 296 and east of Site 24, there was an external fuel tank and other activities included flushing drop tanks and a propeller rebuilding shop. A drain existed in the northwest corner of the building and was connected to the sewer line. <u>Follow Up:</u> <i>No information of RFA or IR investigations in this area was found.</i> | | 296 | Within IRP Site 24 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| 14 | Near Site 6, there are two aircraft turnouts from the Taxiway, T-2. These are shown on the CTO-0059 Phase II Work Plan, Figure F-2. These served as a jet engine tuning area. Historically, the soils have contained a strong odor of kerosene or fuel. <u>Follow Up:</u> <i>No information of RFA or IR investigations in this area was found.</i> | 1975 up to 1982 | | Adjacent to IRP Site 6 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| 15 | An auxiliary power system was located within Site 6. Braking systems, which used asbestos in the brakes, were used near Building 458. | | 458 | Within IRP Site 6 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |

| Item | General Description of Activities | Estimated Dates of Operation | Nearest Building Number | Nearest IRP or RCRA RFA AOC/SWMU | BCT Recommendation |
|------|---|------------------------------|-------------------------|---|---|
| | <u>Follow Up:</u> | | | | |
| | <i>The area described above is contained within IRP Site 6. Asbestos sampling was not conducted during the Phase I RI and is not planned for Phase II RI/FS investigation at IRP Site 6.</i> | | | | |
| 16 | Near Building 761 and 714, rusting containers were present. These were stored on the ground and were removed in 1984. There are no estimates of the volume or the presence or absence of leaks. However, soil was discolored. | Up to 1984 | 761/714 | Adjacent to IRP Site 6 Within RFA SWMU 204 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> Add one randomly-located sample location at IRP Site 6 in between Buildings 727 and 458. Soil samples will be collected at the same depths and analyzed for the same COPCs as the previously identified samples at IRP Site 6 Unit 3. |
| | <u>Follow Up:</u> | | | | |
| | <i>No information of RFA or IR investigations in this area was found. SWMU 204 - Aircraft Wash Rack is located north of the area indicated on the map.</i> | | | | |
| 17 | A paint supply building was located within Building 165, a paint bunker. Out of specification paints were stored on concrete outside of the building near Buildings 455 and 456. Some spills of out of specification paints may have occurred during transfer outside the front door of the bunker. | | 165 and 455/456 | | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| | <u>Follow Up</u> | | | | |
| | <i>No information of RFA or IR investigations in the paint supply building located within Building 165 described above was found. The description of concrete outside of the building near Buildings 455 and 456 may refer to SWMU 135 which was evaluated as a Temporary Accumulation Area as part of the recent RCRA Facility Assessment(CTO 65). The site will be recommended for No Further Action.</i> | | | | |
| 18 | There were mobile maintenance facilities located between Buildings 377, 603, and 371. Solvents, primers, hand sanded and used chemical strippers were stored there outside of the buildings. | | 377, 603, 371 and 664 | Possibly within RFA SWMU 131 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |

| Item | General Description of Activities | Estimated Dates of Operation | Nearest Building Number | Nearest IRP or RCRA RFA AOC/SWMU | BCT Recommendation |
|------|--|------------------------------|--|--|--------------------|
| | <p><u>Follow Up:</u></p> <p><i>Some of the area described above near Building 603 may have been covered by SWMU 131 - Engine Test Cell. The area of SWMU 131 is slated to be addressed by the RAC. There were no RFA or IR investigations found in the remainder of the area described.</i></p> | | | | |
| 19 | <p>A mobile oxygen generation unit was located south of the curve of Perimeter Road between Buildings 800 and 14A. The unit was used every 3 - 6 months.</p> <p><u>Follow Up:</u></p> <p><i>No information of RFA or IR investigations in this area was found.</i></p> | 800 and 14A | <p>Adjacent to IRP Site 24</p> <p>Possible within RFA SWMUs 9 & 11</p> | <p><input type="checkbox"/> BCT/SWDIV review.</p> <p><input checked="" type="checkbox"/> No further review needed.</p> | |
| 20 | <p>Near/at site 5, at the northwest end, there was a heavy equipment operations area with observed hydraulic fluid leaks of up to 30 gallons (estimated).</p> <p><u>Follow Up:</u></p> <p><i>This area has been addressed as part of the Phase II RI/FS at IRP Site 5.</i></p> | | <p>Within IRP Site 5</p> | <p><input type="checkbox"/> BCT/SWDIV review.</p> <p><input checked="" type="checkbox"/> No further review needed.</p> | |
| 21 | <p>Near the residential housing, at the corner of Pusan Way and T Street, a dumpster was used for the disposal of old automobile engines. Petroleum lubricants and oils may have spilled onto adjacent soil. Reportedly, soils were discolored.</p> <p><u>Follow Up:</u></p> <p><i>No information of RFA or IR investigations in this area was found.</i></p> | 722 | | <p><input checked="" type="checkbox"/> BCT/SWDIV review.</p> <p><input type="checkbox"/> No further review needed.</p> | |
| 22 | <p>At the Hush House, Building 606, a water curtain was used to capture mounted jet engine exhaust. Steam mixed with uncombusted or partially combusted jet engine fuel was</p> | 606 | <p>Within RFA, SWMUs 152 & 14</p> | <p><input type="checkbox"/> BCT/SWDIV review.</p> | |

| Item | General Description of Activities | Estimated Dates of Operation | Nearest Building Number | Nearest IRP or RCRA RFA AOC/SWMU | BCT Recommendation |
|------|--|------------------------------|-------------------------|--|---|
| | <p>released into ambient air. Signs posted, stated "Park at Your Own Risk."</p> <p><u>Follow Up:</u></p> <p><i>The area as described above appears to have been investigated as part of SWMUs 14 - Drop Tank Fuel Storage Area, 152 - Aircraft Wash Area, and 255 - Hazardous Waste Storage Area. The soil samples collected in these investigations were analyzed for TPH and VOCs. SWMU 14 was recommended for further action to repair cracks in the pavement and leave soil in place. SWMU 152 has been approved for No Further Action. SWMU 255 was evaluated as a Temporary Accumulation Area as part of the recent RCRA Facility Assessment(CTO 65). The site will be recommended for No Further Action.</i></p> | | | | <input checked="" type="checkbox"/> No further review needed. |
| 23 | <p>On the south side of North 9th Street, next to G Street at Site 20, there was a dirt lot that was used for auto storage associated with the hobby shop activities. Reportedly, the old cars drained oil into the soils.</p> <p><u>Follow Up:</u></p> <p><i>No information of RFA or IR investigations in this area was found.</i></p> | | 625 | Adjacent to IRP Site 20 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |
| 24 | <p>Near Site 15, to the west of Building 31, there was an abandoned automobile impound lot.</p> <p><u>Follow Up:</u></p> <p><i>No information of RFA or IR investigations in this area was found. SWMUs 272 - Hazardous Waste Storage Area , 273 - Wash Rack, and 274 - Stockpiled Soil are not contained in the above described area located on the map.</i></p> | | 31 | Adjacent to IRP Site 15 <hr/> Possibly within RFA SWMUs 272, 273, 274 | <input type="checkbox"/> BCT/SWDIV review. <input checked="" type="checkbox"/> No further review needed. |