

N60200.AR.003252
NAS CECIL FIELD, FL
5090.3a

ADDENDUM TO FINAL TECHNICAL MEMORANDUM FOR NO FURTHER ACTION AT
POTENTIAL SOURCE OF CONTAMINATION 46 FACILITIES 72 AND 177 NAS CECIL FIELD
FL
3/6/2002
TETRA TECHNUS INC

8.0 CONCLUSIONS AND RECOMMENDATIONS

8.1 CONCLUSIONS

Conclusions pertaining to PSC 46, Facilities 72 and 177, are as follows:

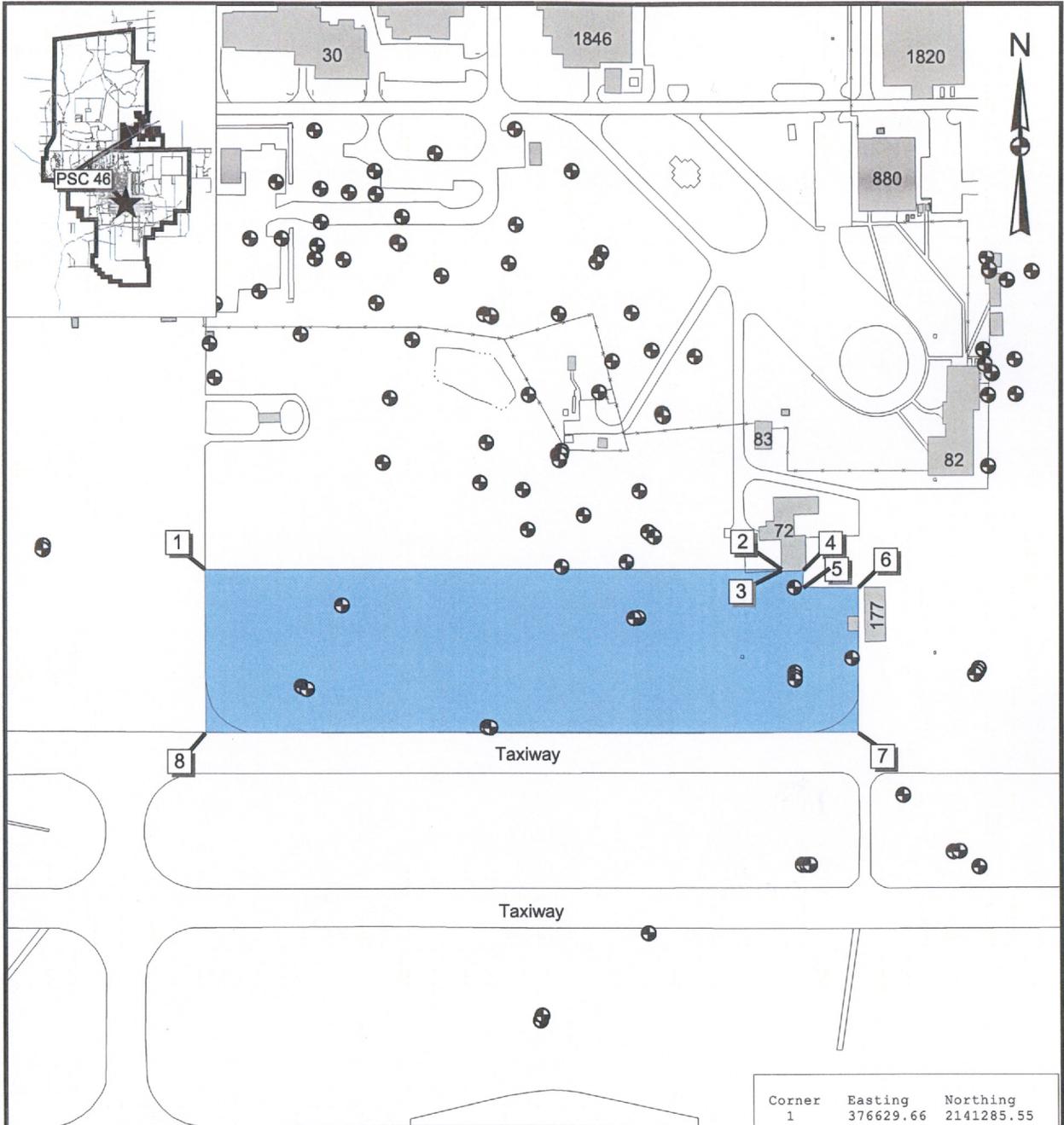
- Soil with BaP concentrations in excess of 770 µg/kg was excavated and disposed at a permitted solid waste disposal facility. This resulted in a UCL concentration of BaP below the FDEP industrial SCTL of 500 µg/kg. This removal resulted in a concomitant reduction in concentrations of other CPAHs, thus rendering the BaPEq concentration to be less than the FDEP industrial SCTL of 500 µg/kg. This excavation also resulted in the removal of soil with TRPH concentrations greater than the FDEP leachability to groundwater SCTL of 340 mg/kg.
- The excavated area was restored to pre-excavation conditions with uncontaminated backfill materials from the NFF.
- PSC 46 and the adjacent areas provide only limited terrestrial habitat in an industrial setting. Terrestrial receptors consist of species acclimated to urban and industrial conditions. Based on analytical data from surface soil samples and available habitat, potential ecological risks are insignificant.

8.2 RECOMMENDATIONS

The removal action conducted at PSC 46 is protective of human health and the environment and utilized permanent solutions for the site. Since the removal action is complete, no further action is warranted. The final recommendation for PSC 46 is no further action with institutional controls as specified in the Land Use Control Implementation Plan (LUCIP). Figure 8-1 shows the PSC 46 area for which institutional controls are required.

With respect to soils only, the color classification of PSC 46 could be changed from Yellow to Dark Green to denote that releases of hazardous substances have occurred and remedial actions to protect human health and the environment have been taken. However, PSC 46 is located within the area of the Operable Unit 9, Site 36 groundwater plume where remediation of groundwater has not yet been completed. For this reason, it is recommended that the color classification for PSC 46 remain as Yellow until the remedial action conducted at Site 36 receives an approved Operating Properly and Successfully determination. At that time, the color classification in the Finding of suitability to Transfer Report can become Dark Green (conditional).

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Legend

- ⊕ Monitoring Wells
- Controlled land use parcel for soil

Corner	Easting	Northing
1	376629.66	2141285.55
2	377694.60	2141285.55
3	377694.60	2141282.96
4	377735.35	2141282.96
5	377735.35	2141251.14
6	377837.97	2141251.14
7	377836.55	2140982.65
8	376629.66	2140982.65

Note: Coordinate are not surveyed.

DRAWN BY MJJ	DATE 22Jan01
CHECKED BY	DATE
COST/SCHEDULE-AREA	
SCALE AS NOTED	



SOIL LAND USE CONTROL IMPLEMENTATION PLAN
PSC 46
NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

CONTRACT NUMBER 0039	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE 8-1	REV 0

P:\GIS\NAS_CecilField\ucip_psc46.apr 22Feb02 MJJ Site Layout