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| <b>REQUEST FOR ENVIRONMENTAL IMPACT ANALYSIS</b>   |  | <i>Report Control Symbol (RCS):</i><br>35-01-318 |
| INSTRUCTIONS: <i>Section I to be completed by Proponent; Sections II and III to be completed by Environmental Planning Function. Continue on separate sheets as necessary. Reference appropriate item number(s).</i>   |  |  |
| <b>SECTION I - PROPONENT INFORMATION</b>   |  |  |
| 1. TO <i>(Environmental Planning Function)</i><br>377 MSG/CEIEC  | 2. FROM <i>(Proponent organization and functional address symbol)</i><br>Non Air Force - Non-Federal Entity - ABCWUA - Albuquerque Bernalillo County Water Utility Authority | 2a. TELEPHONE NO.<br>505-289-3008                |
| 3. TITLE OF PROPOSED ACTION<br>ABCWUA - Erosion Control Protection of ABCWUA Tijeras Interceptor SAS at Tijeras Arroyo   |  |  |
| 4. PURPOSE AND NEED FOR ACTION <i>(Identify decision to be made and need date)</i><br><br><b>1. What do you intend to accomplish and why is the action necessary?</b><br>This action is to protect a section of an interceptor sanitary sewer from damage due to continued erosion of the Tijeras Arroyo and to prevent a sanitary sewer overflow.<br><br><b>2. What is currently being done to meet the need?</b><br>There are currently no actions being taken to meet the need to protect this segment of interceptor line.<br><br><b>3. Provide any additional details related to the Purpose and Need for Action.</b><br>The Albuquerque Bernalillo County Water Utility Authority (Water Authority) owns and operates a 48-inch diameter interceptor sanitary sewer line (installed in 1967; rehabilitated in 2014) (Figure 1, 1967 Record Drawings of Interceptor Sewer Pipe Installation) on the north side of the Tijeras Arroyo. The current calculated flow in the interceptor line is 14.9 mega gallons per day (MGD). There is an oxbow in the Tijeras Arroyo that is encroaching on the interceptor line located between Manholes N18—931 and N18-941 (Figure 2, Aerial Image of Tijeras Arroyo).<br><br><b>Need Date:</b> 08/31/2022  |  |  |
| 5. DESCRIPTION OF PROPOSED ACTION AND ALTERNATIVES (DOPAA) <i>(Provide sufficient details for evaluation of the total action.)</i><br><br><b>1. What other alternatives have been considered (to include the no action alternative)?</b><br>Four alternatives were considered for the Tijeras Arroyo Bank Stabilization to analyze and protect the existing sanitary sewer interceptor. The four alternatives are discussed below.<br><br>Alternative 1 – No Action<br>The “No Action” alternative would leave the existing condition of the Tijeras Arroyo to migrate in an unpredictable manner. This area is in a remote location on Kirtland Air Force Base with very limited monitoring resources and access. Historic photos have recorded the arroyo’s migration and shown movement towards the 48-inch sanitary sewer interceptor facility. The interceptor is at risk of being exposed due to erosion resulting from storm flows in the Tijeras Arroyo. Continued erosion in the arroyo at the project location could cause damage to the interceptor resulting in a sanitary sewer overflow into the Tijeras Arroyo and potentially into the Rio Grande. This alternative is not considered to be a viable alternative due to the potential impacts to the environment, monetary cost, and public impact.<br><br>Alternative 2 – Gabion Baskets<br>Alternative 2 utilizes gabion baskets stacked to form a 30-foot deep by 300-foot-long underground barrier between the arroyo and the interceptor pipe. The gabion structure would be exposed at the Tijeras Arroyo oxbow constituting the arroyo bank but completely buried outside of this area. This alternative is the most invasive to the existing arroyo conditions, requiring significant excavation and backfill to install the gabion structures. The potential for degradation of this alternative is higher than Alternatives 3 and 4, decreasing the anticipated life expectancy and does not adequately reduce the risk to the interceptor line to prevent failure.<br><br>Alternative 3 – Steel Sheet Piles<br>Alternative 3 utilizes driven steel sheet piles to form a 30-foot deep by 300-foot-long underground, interlocking retaining wall between the arroyo and the interceptor pipe. Each steel sheet pile would be mechanically driven into the soil through vibration or pounding means. The steel sheet pile structure would be exposed at the Tijeras arroyo oxbow constituting the arroyo bank but completely buried outside of this area. The installation method of this alternative has the potential to damage the interceptor pipe due to the vibrations and therefore is not considered a viable alternative.<br><br>Alternative 4 – Concrete Piles<br>Alternative 4 utilizes cast-in-place reinforced concrete drilled piles placed tangent to each other to form a 30-foot deep by 300-foot-long underground retaining wall. Each pile is 3 or 4 feet in diameter. The concrete pile structure would be exposed at the Tijeras arroyo oxbow constituting the arroyo bank but completely buried outside of this area. This alternative would result in minimal disturbance to the arroyo, providing the greatest amount of protection of the interceptor line with an acceptable life expectancy.<br><br><b>2. What alternatives were eliminated from consideration and why?</b><br>Alternatives 1 thru 3 were eliminated from consideration due to elevated risk to the interceptor line, shortened life expectancy for the alternative, and costs of operation and maintenance requirements. Alternative 1, No Action, was eliminated as it would continue to put the interceptor line at risk of damage as the arroyo continues to erode. Alternatives 2 and 3 face a higher rate of degradation over time and therefore a limited period of time of protection for the interceptor line. Additionally, Alternatives 2 and 3 have higher costs associated with operation and maintenance of the action over time.<br><br><b>3. Please provide a description of the construction action and timing when it will occur.</b><br>The purpose of this project is to construct a 300 linear foot tangent concrete pile wall made up of individual 3- or 4-foot diameter concrete piles. Approximately 6,400 square feet of arroyo will be disturbed. There are two designated zones for excavation and backfill; the permanent backfill zone and the temporary backfill zone. Each zone is necessary to construct the concrete piles. The purpose of the permanent backfill zone is to provide fill above the sanitary sewer interceptor and behind the constructed concrete pile wall. The temporary backfill zone is necessary to facilitate the concrete pile installation. Fill material for both zones may be obtained from the adjacent area (within 500 feet of the construction location) as approved and designated by KAFB or imported from outside of KAFB. Fill material from the temporary backfill zone will be removed from the Tijeras Arroyo and either spread out where it was obtained from or hauled offsite pending KAFB requirements. The contractor has a designated laydown yard associated with the interceptor rehabilitation project located near Kirtland Rd. and Perimeter Cir. for storage. All material needed for the concrete pile tangent wall construction would need to be transported to the project location. All area disturbed to construct the concrete pile tangent wall will be reseeded per KAFB’s specifications. Construction work will occur as soon as feasible, pending approval of Air Force Form 813 and permitting with the USACE and NMED for work in the Tijeras Arroyo.<br><br>The need to complete this work is immediate. The Water Authority already has a contractor under contract and can mobilize the complete this work within 2-4 weeks of permitting approvals.<br><br><b>4. Describe the project location. Attach map(s)/diagram(s) – make sure to include an overview map of where your requested project area is on the installation.</b><br>The segment of the Tijeras interceptor line requiring stabilization is located on Kirtland AFB on the north side of the Tijeras Arroyo. It extends from MUNS Haul Road to the western boundary of the installation. Figure 3 is an overview map of the project location.<br><br><b>5. Describe additional project requirements: 1) Construction and site preparation requirements (include approx. area of ground to be disturbed); 2) Does the project require a laydown yard or storage area? If so, describe the location and groundwork required.</b><br>This project will construct a 300-linear-foot tangent concrete pile wall made up of individual 3- or 4-foot diameter concrete piles; the final diameter of the concrete piles will be determined in the final design. Approximately 6,400 square feet of arroyo will be disturbed. There are two designated zones for excavation and backfill; the permanent backfill zone and the temporary backfill zone. Each zone is necessary to construct the concrete piles. The purpose of the permanent backfill zone is to provide fill above the sanitary sewer interceptor and behind the constructed concrete pile wall. The temporary backfill zone is necessary to facilitate the concrete pile installation. Fill material for both zones may be obtained from the adjacent area (within 500 feet of the construction location) as approved and designated by KAFB or imported from outside of KAFB. Fill material from the temporary backfill zone will be removed from the Tijeras Arroyo and either spread out where it was obtained from or hauled offsite pending KAFB requirements. Figure 4 shows the concrete pile tangent wall design and includes the permanent and temporary backfill locations for this project.<br><br>This project is being completed concurrently with the Water Authority’s rehabilitation of the Tijeras Interceptor line that has been previously approved. The contractor has a designated laydown yard associated with the interceptor rehabilitation project located near Kirtland Rd. and Perimeter Cir. for storage. All material needed for the concrete pile tangent wall construction would need to be transported to the project location. All area disturbed to construct the concrete pile tangent wall will be reseeded per KAFB’s specifications. |  |  |

6. Describe additional project requirements: 3) Will soil boring/sampling/potholing occur during a design phase? If so, a separate dig permit will be required; 4) Detailed operational activities; 5) Equipment/material lists.

Soil borings are required for the design of the concrete piles and this phase of work will produce a geotechnical engineering report. The geotechnical engineering report will provide direction for the desired pile depth. A dig permit with KAFB has been submitted and approved for the soil borings. A separate dig permit will be submitted during construction by the contractor. The diameter for the concrete piles will be determined based on the geotechnical report. Approximately 6,400 square feet of arroyo will be disturbed for permanent and temporary backfill. Initial excavation and backfill in the arroyo will be needed to facilitate the construction of the tangent wall. Once initial excavation and backfill has been complete, every other pile hole will be drilled, removing soil from the designated pile location. Reinforcement will be constructed above ground and be lowered into each designated pile hole. Each hole will then be filled with concrete and let cure for a given period. Contractor will then auger out holes that were not augured out in the initial concrete pile construction. Contractor will then construct and install reinforcement in each desired hole. Each hole will then be filled with concrete and allowed to cure for a certain time. Initial temporary backfill zone will be disposed of at a designated location. Contractor will then demobilize once all construction activities have been complete. Equipment needed to construct the concrete pile tangent wall will include a large excavator, auger to drill 40–60-foot hole depths, a front-end loader, a dump truck, mechanical compaction roller, and a ready-mix concrete truck. Material needed will be on-site soil, concrete, and rebar reinforcement.

23 AUG 2022 - email from Diane Agnew: The stabilization work will require a drilling rig that has a 70-foot tall mast. Additionally, a crane is anticipated to be 100-feet in height and will be required to install the steel reinforcing for the concrete piles.

7. Provide any additional details related to the Description of the Proposed Action and Alternatives.

Government POC: Jason Underwood  
email: jason.underwood.1@us.af.mil

Map Attachments:

[35-01-318 ABCWUA All Figures-seperate pages.pdf](#)

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|--|---|-------------------------|
| 6. PROPONENT APPROVAL (Name and Grade)<br>Wilson Debra DOD - debra.j.wilson  | 6a. SIGNATURE<br>Submitted on behalf of: Agnew, Diane County Government<br>(dagnew@abcwua.org - 505-289-3008)<br>//Wilson Debra DOD - debra.j.wilson i:0e.tlfedvis debra.j.wilson// | 6b. DATE<br>08/23/2022  |
| SECTION II - PRELIMINARY ENVIRONMENTAL SURVEY (Check appropriate box and describe potential environmental effects including cumulative effects.) (+ = positive effect; 0 = no effect; - = adverse effect; U = unknown effect)  |   | +      0      -      U  |
| 7. AIR INSTALLATION COMPATIBLE LAND USE/ZONE USE (Noise, accident potential, encroachment, etc.)   |   | X                       |
| 8. AIR QUALITY (Emissions, Attainment status, state implementation plan, etc.)   |   | X                       |
| 9. WATER RESOURCES (Drinking water, wastewater, quality, quantity, source, water features, etc.)   |   | X                       |
| 10. SAFETY AND OCCUPATIONAL HEALTH (Asbestos/lead-based paint/radiation/chemical exposure, explosives safety quantity distance, bird/wildlife aircraft hazard, etc.)   |   | X                       |
| 11. HAZARDOUS MATERIALS/WASTE (Use/storage/generation, solid waste, toxic materials, etc.)   |   | X                       |
| 12. BIOLOGICAL RESOURCES (Wetlands/floodplains, threatened or endangered species, etc.)  |   | X                       |
| 13. CULTURAL RESOURCES (Burial sites, archaeological, historical, etc.)  |   | X                       |
| 14. GEOLOGY AND SOILS (Topography, minerals, geothermal, Installation Restoration Program, seismicity, etc.)   |   | X                       |
| 15. SOCIOECONOMIC (Employment/population projections, school and local fiscal impacts, etc.)   |   | X                       |
| 16. OTHER (Potential impacts not addressed above, such as Host Nation considerations/concerns for non-US locations.)   |   | X                       |
| SECTION III - ENVIRONMENTAL ANALYSIS DETERMINATION   |   |                         |
| 17. <input checked="" type="radio"/> PROPOSED ACTION QUALIFIES FOR CATEGORICAL EXCLUSION (CATEX) #A2.3.11.; OR<br><input type="radio"/> PROPOSED ACTION DOES NOT QUALIFY FOR A CATEX; FURTHER ENVIRONMENTAL ANALYSIS IS REQUIRED.  |   |                         |
| 18. REMARKS<br>Reference RCS: 35-09-894 Stormwater PEA, FONSI signed Aug 2019.<br><br>The following guidance noted below applies and must be followed: M1, M9, M5*, M15, HW1, SW1, SW4, S1, M4, HM1, M6, CR1, CR3, NR5 and M23.<br>* M5 - please refer to the attached Environmental Checklist for details on "M5"<br><br>Additional guidance and comments below from 377 ABW XP - Mark Bean and 377 SFS-AT/FP - Jason Moscoso must be followed. |   |                         |
| 19. ENVIRONMENTAL PLANNING FUNCTION CERTIFICATION (Name and Grade)<br>Sisneros, Brianne GOV - NEPA EPF   | 19a. SIGNATURE<br>//Sisneros Brianne DOD - brianne.l.sisneros i:0e.tlfedvis brianne.l.sisneros//  | 19b. DATE<br>09/15/2022 |

## CONTINUATION SHEET

### Review Comments:

**Other** (08/23/2022 - Spence Rickey DOD - rickey.l.spence)

No comment

**Other** (08/23/2022 - Quintero Ernest DOD - ernest.quintero)

No comment

**Other** (08/23/2022 - Harris Shannon DOD - shannon.c.harris)

no comment

**Other** (08/23/2022 - Bean Mark DOD - mark.r.bean)

Request you advise Kirtland Range Control via 377abw.xp.rangemgmtoffice@us.af.mil of start and end dates to ensure any scheduled testing does not interfere with scheduled work.

**Bioenvironmental** (08/23/2022 - Paffett Kimberly DOD - kimberly.s.paffett)

no radiologic/laser concerns

**Other** (08/23/2022 - Garcia Martha DOD CIV - martha.e.garcia)

no comments - AFRL

**Other** (08/23/2022 - Wake Steven DOD - steven.r.wake)

M1 - Ground Disturbance: AF Form 103 required. Email: 377MSGCECDPM@us.af.mil

**AICUZ/Land Use** (08/23/2022 - Small Jessica FEDERAL - jessica.small)

No comment

**Other** (08/23/2022 - Goldrick Lloyd DOD - lloyd.w.goldrick)

Recommend implementation of Course Of Action #4

**AFCEC Restoration** (08/23/2022 - Devergie Suzanne DOD - suzanne.c.devergie)

M9 - Due to the potential for encountering Unexploded Ordnance (UXO), any fieldwork south of Hardin Blvd requires workers to complete UXO Awareness training. The 377 MSG/CED EOD Group can provide this short training. They can be contacted at 846-2229.

**Tanks** (08/23/2022 - Yim Eun DOD - eun.j.yim)

no comment

**Other** (08/23/2022 - Baugh Matthew DOD - matthew.w.baugh)

No Comments

**Other** (08/23/2022 - Niles Nicholas DOD - nicholas.j.niles)

No Comment.

**Other** (08/23/2022 - Ryan Adam DOD - adam.j.ryan)

No Comments

**Air Quality** (08/23/2022 - Cuevas Andria DOD CIV - andria.r.cuevas)

M5 - Activities on Permitted Property: Permittee is responsible for adhering to all environmental laws and obtaining all applicable permits prior to commencing work. This includes conducting biological and cultural surveys as applicable. Please pay particular attention to these specific checklist items: Tx1, Tx2, Tx3, AQ3, AQ6, AQ7, HW1, HM1, S1, WQ2, WQ3, WQ7, WQ9, WQ10, and T2. Failure to comply with these local regulatory requirements can result in notices of violation and financial penalties that will be the responsibility of the permittee. Please contact your Environmental Office for further guidance.

The Albuquerque-Bernalillo County Limited Maintenance Plan expired 13 June 2016 and the county is now in attainment for all criteria pollutants (AEHD 19 July 2016); therefore, a conformity analysis is not required.

**Water Resources** (08/23/2022 - Hernandez Erica DOD - erica.r.hernandez)

M5 - Activities on Permitted Property: Permittee is responsible for adhering to all environmental laws and obtaining all applicable permits prior to commencing work. This includes conducting biological and cultural surveys as applicable. Please pay particular attention to these specific checklist items: Tx1, Tx2, Tx3, AQ3, AQ6, AQ7, HW1, HM1, S1, WQ2, WQ3, WQ7, WQ9, WQ10, and T2. Failure to comply with these local regulatory requirements can result in notices of violation and financial penalties that will be the responsibility of the permittee. Please contact your Environmental Office for further guidance.

**Tanks** (08/23/2022 - Hernandez Erica DOD - erica.r.hernandez)

No comment

**Other** (08/23/2022 - Apodaca Victor DOD - victor.j.apodaca)

No comment

**Other** (08/23/2022 - Fife James DOD - james.m.fife)

377 MSG/CENE - No Comments

**Safety and Occupational Health** (08/23/2022 - Mahon Christopher DOD - christopher.j.mahon)

No Comment

**Other** (08/23/2022 - Richardson Clifford DOD - clifford.e.richardson)

no comment from the energy manager.

**Safety and Occupational Health** (08/23/2022 - Rider Eric DOD - eric.p.rider)

No Issues/Comments.

**AICUZ/Land Use** (08/23/2022 - Cunningham-Stephens Janet DOD - janet.l.cunningham-stephens)

No comments.

**AICUZ/Land Use** (08/24/2022 - Woods James DOD - james.g.woods)

No Comment

**Other** (08/24/2022 - Santino Anthony DOD - anthony.l.santino)

no comment

**AICUZ/Land Use** (08/24/2022 - Bodour Adria FEDERAL - adria.bodour)

DOE/NNSA SFO - No Comments.

**Bioenvironmental** (08/24/2022 - Hagarty Paul DOD - paul.j.hagarty)

OMRS/SGXB-No Occ Health Concerns at this time.

**Other** (08/24/2022 - Fraher Jeffrey DOD - jeffrey.t.fraher)

No comment.

**Safety and Occupational Health** (08/24/2022 - Wolover Gary DOD CIV - gary.j.wolover1)

SEW -

M15 - Provide Intraline Distance (ILD) to all construction activities exposed by related Potential Explosion Site, (PES). This separation requirement applies to all construction activities related to PESs whether being accomplished by civilian or military personnel. Document a risk assessment, including the control measures taken and ensure all construction personnel are made aware of the explosives risks and evacuation procedures (e.g., emergency and lightning response). Locally maintain the risk assessment documentation until operations have been completed and personnel have permanently vacated the work site. If this separation cannot be maintained, obtain a waiver Apply Inhabited Building Distance (IBD) to all construction activities not related to existing PESs. Contact 377 ABW/SEW for all activities in explosive clear zones and surface danger zones at 377ABWSEW@us.af.mil or at one of the following phone numbers: 846-9142, 846-4229, or 853-4711.

**Hazardous Materials/Waste** (08/25/2022 - Clines Rebecca DOD - rebecca.l.clines)

HW1 - Contracted Construction Projects: All wastes generated must be characterized by the contractor, and contractor must maintain documentation in accordance with (IAW) 40 CFR 262.11 supporting the accuracy of the characterization. Any wastes characterized as Universal (lamps, batteries, etc.) or Hazardous (mercury switches, etc.) must be properly disposed of by the contractor IAW all federal & state regulations. Transformers, capacitors, and ballasts being removed/replaced must also be characterized and disposed of by the contractor IAW all federal, state, & local regulations. Ensure Scope of Work and contract funding accurately account for these requirements. Provide proof of disposal of Universal Wastes or Hazardous Wastes to the Hazardous Waste Program POCs @ kirtlandhazwaste@us.af.mil

SW1 - Reporting: Document weight/volume of all waste disposed, recycled, or salvaged off-base, and submit documentation to the Recycling Program Manager. Contact the Solid Waste/Recycling Program Manager @ 853-2486 for guidance.

SW4 - Major Construction/Demolition: Ensure Section 01 74 19, Construction Waste Management, is included in project specs.

S1 - Spills/Releases of Hazardous Materials/POL to the Environment: In the event of a spill/release to the environment that cannot be easily cleaned up, immediately contact 911 (from cell 853-9111). All spills must be reported to Environmental Management regardless of size, must be cleaned up, and contaminated materials (e.g. absorbent) must be disposed of IAW State and Federal requirements. Immediately report the spill by calling 846-0003 (business hours), 846-8222 (24/7), or 235-5641. You must speak with Environmental Management personnel; a voice message is not sufficient. A spill reporting form is required and is available at: <https://www.kirtland.af.mil/Home/Environment/>

M4 - Disposal of Construction & Demolition (C&D) Waste at Kirtland C&D Landfill: In order to gain access to the site, contractors must obtain a KAFB C&D Landfill Pass specific to each contract held for work on KAFB (multiple contracts = multiple passes). Note that a landfill pass establishes eligibility to use the facility; it does not guarantee disposal. Passes are issued Monday – Friday, 0730-1200. To obtain a Pass, contractors must bring all of the following items to the Landfill office: a) copy of the valid contract issued by a U.S. Government Contracting Agency for work to be accomplished on KAFB that requires use of the KAFB C&D Landfill; b) original, current vehicle registration(s); c) valid proof of insurance; and d) subcontractor appointment letter or contract (if applicable), showing subcontractor's performance period. Contractor's signature to obtain a Pass indicates that contractor will control the waste stream such that only C&D generated on KAFB is disposed at the C&D Landfill (no municipal solid waste, no hazardous waste, no special waste, no off-base waste, etc.), and that contractor assumes full responsibility for proper disposal of any waste that may be rejected at the gate. Scrap metal and corrugated cardboard must be segregated for recycling prior to arrival at the C&D Landfill; mixed loads are not accepted.

**Bioenvironmental** (08/26/2022 - Brandsma Andrew DOD - andrew.d.brandsma)

no concerns.

**Other** (08/29/2022 - Benner Christopher DOD - christopher.j.benner)

NO COMMENT

**Hazardous Materials/Waste** (08/29/2022 - Williams Sherry DOD CIV - sherry.l.williams1)

HM1 - Any hazardous materials used in the proposed project need to be identified either by authorizing the material(s) under a shop in EESOH-MIS or by filling out, submitting, and following the guidelines in the short term contractor Memo and worksheet. Contractors may NOT leave excess materials at the site upon completion of the project. Please turn in the worksheet, inventory list, & manufacture specific SDS(s) to the Hazardous Material program office or e-mail to the Hazardous Materials mailbox. Please contact Hazardous Materials POCs for Memo & worksheet. Ms. Renee Pino @ 846-2509 or via email kirtlandhazmat@us.af.mil

**Other** (08/29/2022 - Williams Sherry DOD CIV - sherry.l.williams1)

M6 - Environmental Management System (EMS) Awareness: KAFB has a conforming EMS. All personnel, to include contractors, need to be aware of the Environmental Commitment Statement found at the following website - <https://go.usa.gov/xeasu>. All KAFB contractors must complete the computer-based "EMS General Awareness Training" course in TEACH as required by AFI 32-7001 §4.3.1 and have a verified certificate of completion (one-time requirement). Register and complete course here: <https://usaf.learningbuilder.com>. Completion of the EMS course assures Contractor awareness of environmental impacts and a commitment to mitigate those impacts by following local, state, and federal environmental regulations and practicing pollution prevention techniques. Questions on EMS can be directed to kirtlandenvmgt@us.af.mil.

**Cultural Resources** (08/31/2022 - Reynolds David DOD - david.h.reynolds)

CR1 - The project is located within or adjacent to a Historic Property: Contact the Cultural Resources POC to initiate SHPO consultation. Mitigation consultation requires SHPO consultation and does not have a timeline for completion of plan -Significant costs can be required for mitigation -Mitigation work may delay start of project. NO WORK SHALL OCCUR UNTIL SHPO CONSULTATION IS COMPLETE. POC: Mr. David Reynolds @ 846-0226 or david.reynolds.37@us.af.mil.

CR3 - Inadvertent Discovery of Buried Cultural Resources or Native American Human Remains and Objects: If cultural resources are encountered inadvertently during a project, work in the immediate vicinity shall be halted and the Cultural Resources Program POC shall be notified immediately. For adequate program review: provide an aerial or 1-24K topographic map delineating a CONSERVATIVE area of disturbance to include ingress/egress, turnabouts, equipment movement, laydown yard(s), portable latrine locations, and basic BMPs (e.g.: silt fencing, etc.). Please note area of disturbance on map. POC: Mr. David Reynolds @ 846-0226 or david.reynolds.37@us.af.mil.

**Biological Resources** (08/31/2022 - Reynolds David DOD - david.h.reynolds)

NR5 - Digging Holes/Trenching: Potential exists for reptiles/amphibians/small mammals dropping into holes/trenching projects and becoming trapped. Holes require covers and trenches require ramps at no more than 45 degrees so that trapped animals may escape. For adequate program review: provide an aerial or 1-24K topographic map delineating a CONSERVATIVE area of disturbance to include ingress/egress, turnabouts, equipment movement, laydown yard(s), portable latrine locations, and basic BMPs (e.g.: silt fencing, etc.). Please note area of disturbance on map. Contact Natural Resources POC with questions. Mr. David Reynolds @ 846-0226 or david.reynolds.37@us.af.mil.

**Safety and Occupational Health** (08/31/2022 - Edwards Dori DOD - dori.l.edwards)

No Comment

**Safety and Occupational Health** (08/31/2022 - Wells Sumner DOD CON - sumner.d.wells)

Recommend Approval

**AICUZ/Land Use** (09/06/2022 - Silva Jerridine DOD - jerridine.r.silva)

No Comment.

**Other** (09/07/2022 - Moscoso Jason DOD - jason.c.moscoso)

Notify 377 SFS (505-846-0102) and 377 WSSS (505-846-1478) and BDOC (505-846-7913) when work is occurring.

**Other** (09/13/2022 - Wilson Debra DOD - debra.j.wilson)

FAA - Jeremy Brumley email comment 29 Aug 2022 - M23 - Crane Usage: If you will be using a crane as part of your construction project, then you will need to evaluate potential impacts to Sunport operations through the FAA OEAAA website – <https://oeaaa.faa.gov/oeaaa/external/portal.jsp>. Kirtland AFB POC is Mr. Bob Fraser at 846-0141.

DOE NNSA SFO - Linda Tello "no comment" email 24 Aug 2022.

The following agencies and organizations did not provide a review: DOE SNL NEPA, 210 RHS, Sunport and USFS.

**Legal** (09/13/2022 - Willard Daniel DOD - daniel.c.willard)

JA agrees that CX A2.3.11 is legally sufficient for the construction of erosion control measures in the Tijeras Arroyo as similar to arroyo stormwater erosion mitigation actions analyzed in the Stormwater Drainage System PEA and FONSI (35-09-894; 2019).

**Attachments:**

[35-01-318 ABCWUA Figure 2 Aerial Image of Tijeras Arroyo.pdf](#)

[HM1 Short-Term Contractor HazMat Letter w Worksheet 13Sept2017.pdf](#)

[35-01-318 ABCWUA Figure 1 1967 Record Drawings of Interceptor Sewer Pipe Installation.pdf](#)

[35-01-318 ABCWUA ref to M5 Environmental Checklist.pdf](#)

[35-01-318 ABCWUA Figure 3 Vicinity Map.pdf](#)

[35-01-318 ABCWUA Figure 4 Concrete Pile Tangent Wall Design with Permanent and Temporary Backfill Locations.pdf](#)

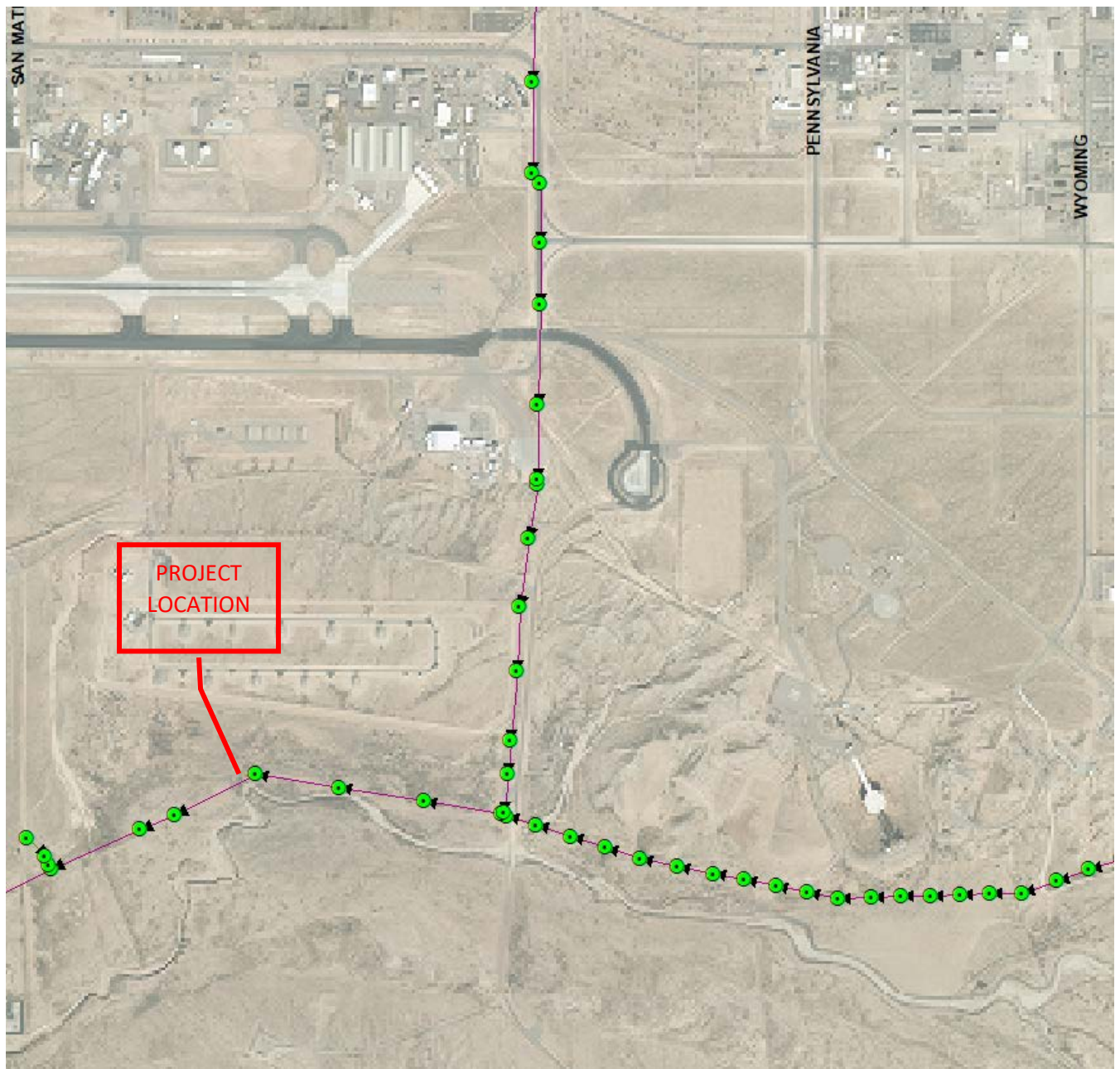


Figure 1: vicinity map

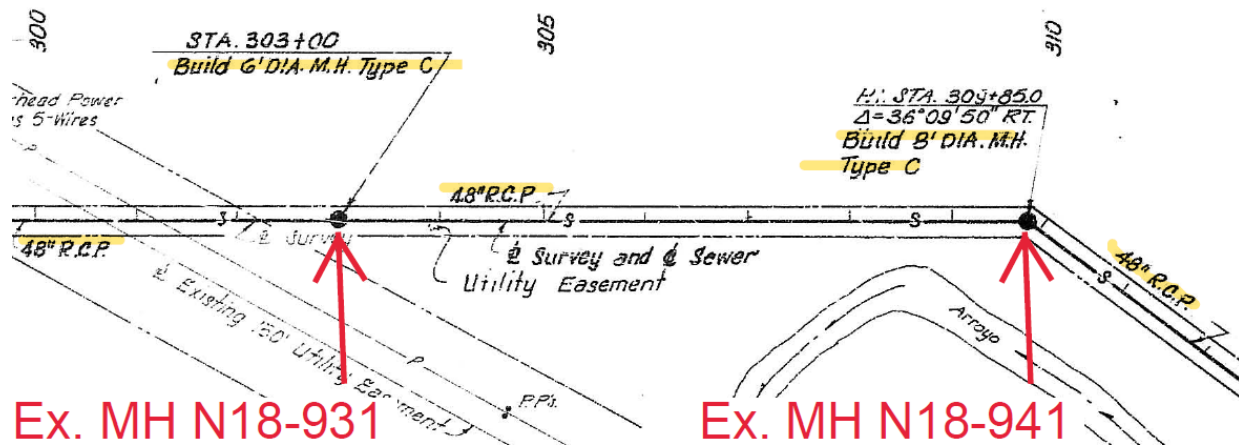


Figure 2: 1967 Record Drawings of interceptor sewer pipe installation





Figure 3: Aerial Image of Tijeras Arroyo (from Google Maps, shown measurement is from Manhole to Manhole).



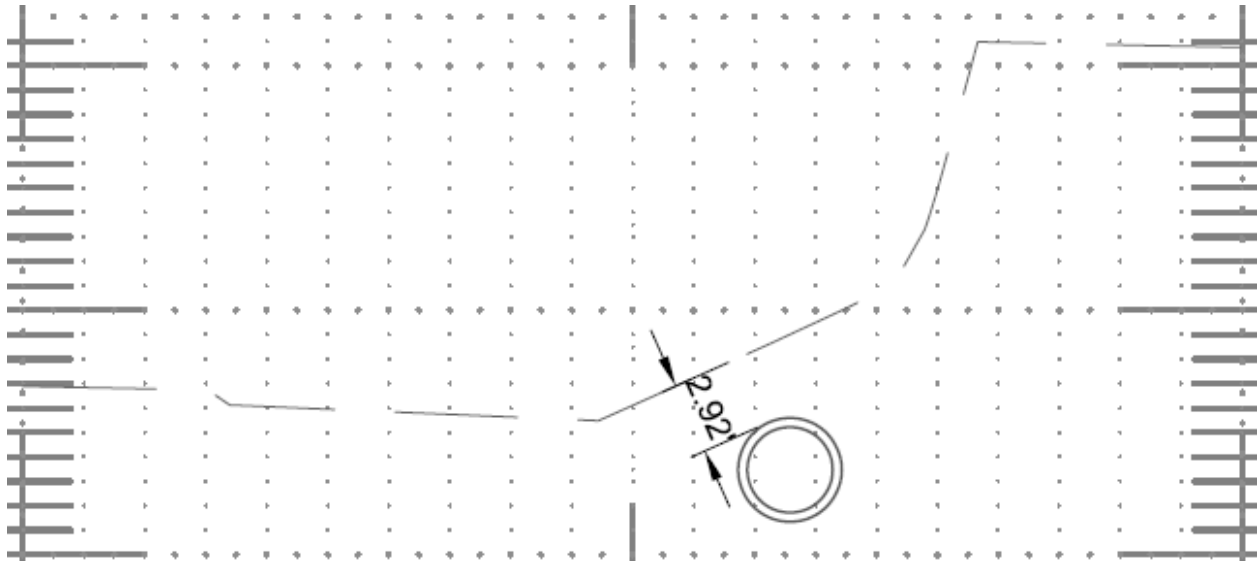


Figure 4: Section cut of Tijeras Arroyo based on topographic survey and manhole survey (performed October 2021).

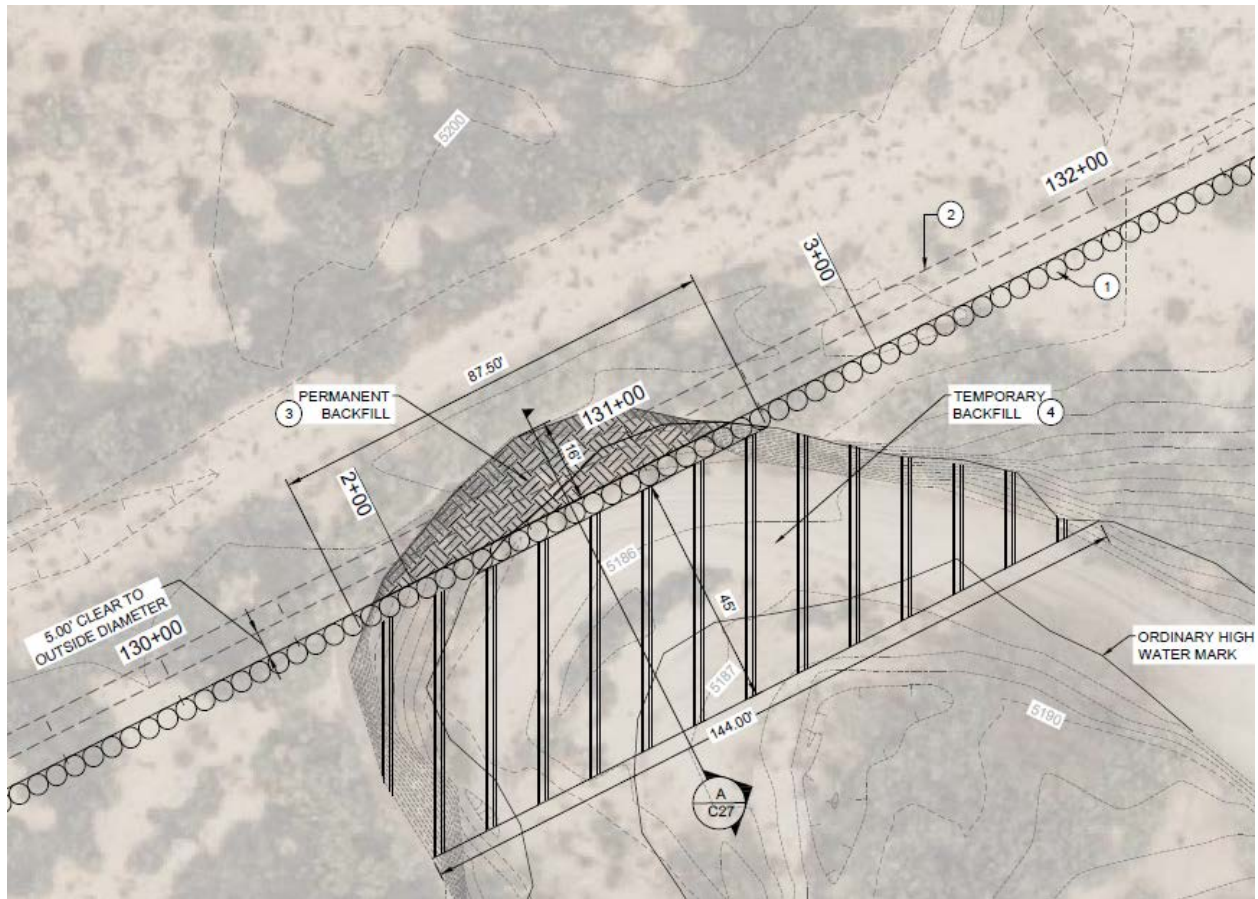
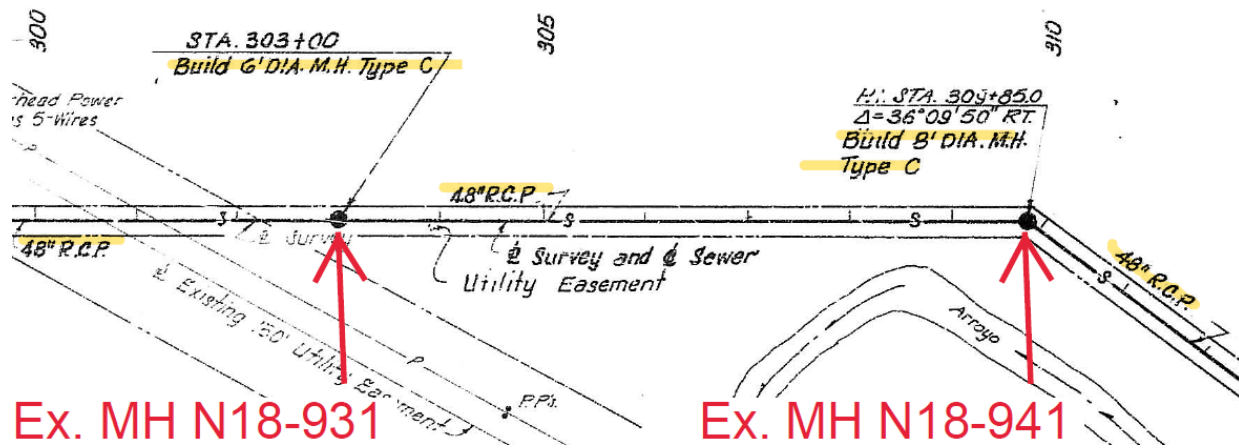


Figure 5: Concrete pile tangent wall design exhibit indicating the permanent and temporary backfill locations.



Ex. MH N18-931

Ex. MH N18-941

Figure 2: 1967 Record Drawings of interceptor sewer pipe installation



Figure 3: Aerial Image of Tijeras Arroyo (from Google Maps, shown measurement is from Manhole to Manhole).



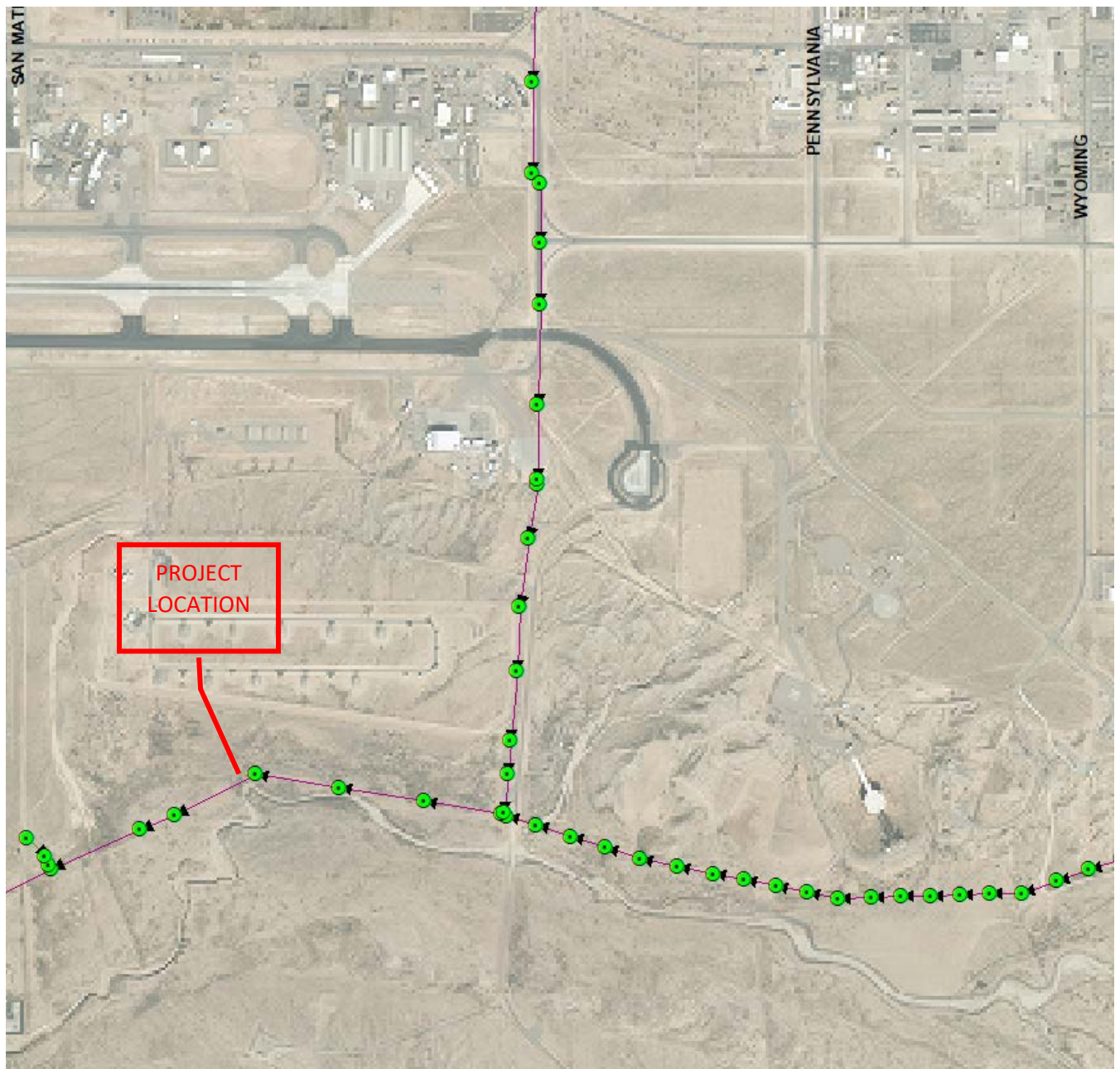


Figure 1: vicinity map

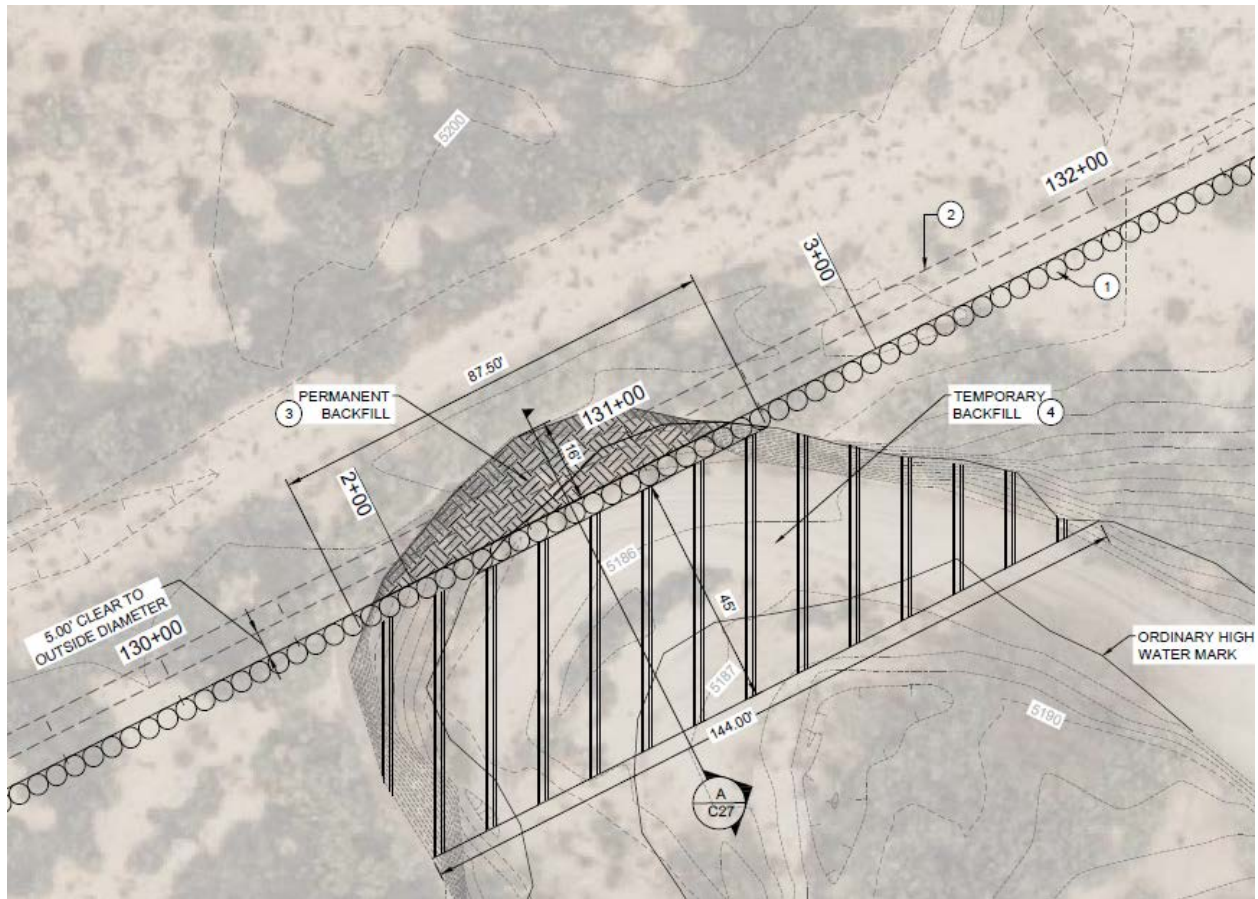


Figure 5: Concrete pile tangent wall design exhibit indicating the permanent and temporary backfill locations.



## Kirtland AFB Checklist of Environmental Requirements for Proposed Project

Work Order No: \_\_\_\_\_

RCS No: \_\_\_\_\_

Dig Permit No: \_\_\_\_\_

MHMV No: \_\_\_\_\_

|  |  |
|--|--|
| <b>Toxics POC: Mr. Sumner Wells @ 846-2102</b>   |  |
| Tx1  | <p><b>Asbestos:</b> Due to the age of the building, asbestos-containing material (ACM) may be present. <b>NO RENOVATION/DEMOLITION SHALL BEGIN PRIOR TO CE APPROVAL OF AF FORM 332 AND ASBESTOS SAMPLING, AS REQUIRED.</b> If suspected ACM is encountered and will be disturbed, then asbestos abatement of the area to be renovated must be completed prior to starting the proposed work on the building. NESHAP Notification to the Albuquerque Environmental Health Department Air Quality Division (AEHD AQD) in accordance with 20.11.20.22 NMAC is required for ACM disturbance. Additional guidance and forms can be found at the City of Albuquerque's website: <a href="https://www.cabq.gov/airquality/air-quality-permits/asbestos-program">https://www.cabq.gov/airquality/air-quality-permits/asbestos-program</a>. <b>All asbestos waste leaving the installation must be accompanied by a signed manifest. Civil Engineering is the only authorized manifest signatory. Prior to hauling asbestos waste, contact your CE project manager or Toxics Program POC for direction.</b></p>   |
| Tx2  | <p><b>Lead Based Paint:</b> Due to the age of the building, LBP may be present; files are available for review. Contact Toxics Program POC to coordinate access to files. If suspected LBP is encountered and will be disturbed, LBP sampling should be performed by the contractor with abatement as necessary prior to commencing the proposed work on the building. <b>Coordinate with Toxics Program POC.</b></p>  |
| Tx3  | <p><b>Silica Dust Generated by Masonry, Concrete and/or Asphalt Work:</b> The Silica Dust standard (29 CFR 1926.1153) requires employers limit worker exposures to respirable crystalline silica and take appropriate steps to protect workers. Employers can either use engineering control methods laid out in the construction standard of the regulation, or they can measure workers' exposure to silica and take the appropriate steps to limit workers exposures to the permissible exposure limit (PEL) as defined in the regulation.</p>  |
| <b>Air Quality Program POC: Ms. Andria Cuevas @ 846-2522 or via e-mail: <a href="mailto:kirtlandairquality@us.af.mil">kirtlandairquality@us.af.mil</a></b> |  |
| AQ1<br>AQ2   | Please note: these items have become Tx1 and Tx2 respectively  |
| AQ3  | <p><b>Ground Disturbance, as defined by 20.11.20 7.E NMAC "Construction Activity"</b></p> <ul style="list-style-type: none"> <li>• <b>Equal to or greater than ¾ acre</b> – Fugitive Dust Control (FDC) Permit will be required. <b>FDC applications must be submitted to the Air Quality Program for review</b>, and 377 ABW/CC signature, five (5) weeks prior to the anticipated start date of ground disturbance. <b>NOTE:</b> AEHD AQD requires all FDC applications be submitted to their office 10 business days prior to anticipated start date of ground disturbance, and will require a site inspection prior to issuing the FDC Permit. <b>(NOTE: Potential for WQ3 applicability may exist.)</b></li> <li>• <b>Less than ¾ of an acre</b> – FDC Permit is not required; however, the contractor <b>must</b> provide the Air Quality POC a map where all construction activity will occur and how the work area will be restricted below the permitting threshold (include natural/physical barriers which will restrict work site perimeter). Contractors must still comply with the general provisions from 20.11.20.12 NMAC and shall use reasonably available control measures (RACMs), or any other effective control measure during active operations or on inactive disturbed surface areas, as necessary to <b>prevent the release of fugitive dust.</b></li> </ul> <p>Project has an existing FDC Permit # _____. Compliance with existing FDC Permit and RACMs is mandatory.</p> <p><b>NOTE: If any ground disturbance other than what is identified in the initial project is to occur, then you MUST re-coordinate with the Air Quality POC prior to commencing work.</b></p> |
| AQ4  | <p><b>Boilers:</b> Natural gas boilers/hot water heaters of size greater than five (5) million BTU (MMBTU) require Stationary Source Air Permitting. If planning to install a boiler fueled by anything other than natural gas, contact Air Quality Program personnel immediately to determine if a permit is needed. If an air permit is required, the permit must be issued prior to purchase of the boiler(s) and can take up to seven (7) months to accomplish. The Air Quality Program is required to track boilers of all sizes/fuel types to comply with the basewide air permit (Title V Operating Permit). <b>Coordination/Consultation with Air Quality Program POC required.</b></p>  |
| AQ5  | <p><b>Refrigerant:</b> Ensure all equipment containing refrigerant and all HVAC technicians comply with the requirements in 40 CFR Part 82. If you hire an outside contractor, other than the Base Maintenance Contractor, you must: 1) maintain all invoices and work orders for work on refrigeration equipment for a minimum of 3 years; and 2) maintain an inventory of refrigeration equipment to include: make, model, serial number, refrigerant type, and total refrigerant charge in pounds.</p>  |
| AQ6  | <p><b>Generators:</b> All generators are required to have a 20.11.41 NMAC construction permit from the AEHD AQD. The permit must be in place prior to "commencing construction", which means prior to purchasing the unit (20.11.41.7.C NMAC). It may take as long as 7 months from the initiation of the permit application preparation process to receive a permit from the AEHD AQD. The project is expected to pay for the cost of preparing the permit application and the associated AEHD AQD permit fees. The organization must plan to pay annual emission fees assessed by the AEHD AQD. Contact Air Quality Program personnel to discuss the timeline for the project.</p> <p><b>Coordination/Consultation with Air Quality Program POC required. *Please see M21 for additional generator requirements.*</b></p>  |
| AQ7  | <p><b>Building Renovation/Demolition:</b> If the building to be renovated/demolished is more than 75,000 cubic feet of space then a Fugitive Dust Permit will be required prior to renovation/demolition (<b>refer to AQ3 – first bulleted item</b>). An asbestos notification form must be submitted for all building renovation/demolition activities, even if no regulated ACM is present in the building or structure (<b>refer to Tx1</b>).</p>   |
| AQ8  | <p><b>Air Quality Permitting for New Sources:</b> An air quality permit from the AEHD AQD may be required for the proposed equipment prior to construction. <b>Coordination with the Air Quality POC is required</b> to ensure the appropriate measures are taken in the event the source must obtain an air quality permit. It may take as long as 7 months from the initiation of the permit application preparation process to receive a permit from AEHD AQD. The project is expected to pay for the cost of preparing the permit application and the associated AEHD air quality permit fees. The organization must also plan to pay emission fees for the permitted source on an annual basis.</p>   |

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|     | <b>Air Quality Program POC: Ms. Andria Cuevas @ 846-2522 or via e-mail: <a href="mailto:kirtlandairquality@us.af.mil">kirtlandairquality@us.af.mil</a></b>  |
| AQ9 | <b>Permitting and/or Reporting Requirements Exist for Activity:</b> Activities require Open Burn/Open Detonation permitting through AEHD AQD <b>OR</b> there is requirement to report munition items expended via the Range Calendar (Range Management Office (RMO) at <a href="mailto:377ABW.XP.RangeMgmtOffice@us.af.mil">377ABW.XP.RangeMgmtOffice@us.af.mil</a> . <b>Prior Coordination with the Air Quality POC and/or RMO is required.</b>  |
|     | <b>Hazardous Waste Program POCs: Ms. Rebecca Clines and Ms. Katrina Wheelock via e-mail: <a href="mailto:kirtlandhazwaste@us.af.mil">kirtlandhazwaste@us.af.mil</a></b>   |
| HW1 | <b>Contracted Construction Projects:</b> All wastes generated must be characterized by the contractor, and contractor must maintain documentation in accordance with (IAW) 40 CFR 262.11 supporting the accuracy of the characterization. Any wastes characterized as Universal (lamps, batteries, etc.) or Hazardous (mercury switches, etc.) must be properly disposed of by the contractor IAW all federal & state regulations. Transformers, capacitors, and ballasts being removed/replaced must also be characterized and disposed of by the contractor IAW all federal, state, & local regulations. <b>Ensure Scope of Work and contract funding accurately account for these requirements. Provide proof of disposal of Universal Wastes or Hazardous Wastes to the Hazardous Waste Program POCs.</b> |
| HW2 | <b>Self-Help / In-House Projects:</b> Any Universal (lamps, batteries, etc.) or Hazardous wastes (mercury switches, etc.) generated must be properly characterized and documentation supporting the accuracy of the characterization must be maintained IAW 40 CFR 262.11. Universal wastes and hazardous wastes must be disposed of IAW all federal & state regulations. Transformers, capacitors, and ballasts being removed/replaced must be characterized and disposed of IAW all federal, state, & local regulations. Characterization may require fluid sampling. <b>Contact the Hazardous Waste program prior to project start for guidance.</b> Once project is complete, <b>contact Hazardous Waste POCs for proper management of unused/unwanted materials (paints, sealants, etc.).</b>            |
| HW3 | <b>TDYs:</b> Hazardous waste must be disposed of IAW federal, state, & local regulations. Hazardous waste includes but is not limited to chemlights, batteries, used oil, oily rags, rags contaminated with solvent, paint, sealants, and other wastes generated during a TDY. Waste cannot be generated without a corresponding collection container provided by the Kirtland Hazardous Waste Program. All individuals who will be generating a hazardous waste must complete Kirtland-specific hazardous waste training prior to arrival. <b>Coordinate with 377 ABW/XP and/or the host unit NLT four (4) weeks prior to your TDY.</b>  |
| HW4 | <b>New/Updated Mission Requirements:</b> Proposed new/updated activities may introduce or alter a waste stream and/or require relocation of one or more existing Initial Accumulation Points (IAPs) for hazardous waste. <b>Contact the Hazardous Waste program to ensure wastes are properly managed.</b>  |
| HW5 | <b>Renovation/Remodeling:</b> Organizations planning a renovation and/or remodel of space that includes one or more existing Initial Accumulation Points (IAPs) for hazardous waste must ensure that the IAPs are properly managed IAW all federal, state, and local regulations for the duration of the renovation/remodel. <b>Contact the Hazardous Waste Program for guidance before the renovation/remodel begins.</b>  |
| HW6 | <b>Training Events:</b> Weapons cleaning activities that will occur on base must be accomplished in an established armory with an appropriately profiled hazardous waste container issued by the Kirtland Hazardous Waste Program. All chemlights must be policed from the training site and disposed via the Kirtland Hazardous Waste Program. Any other wastes generated by the event must be characterized, with documentation of the characterization maintained by the proponent IAW 40 CFR 262.11; and wastes subsequently disposed of IAW federal, state, and local regulations.   |
|     | <b>Hazardous Materials Program POC: Ms. Renee Pino @ 846-2509 or via e-mail: <a href="mailto:kirtlandhazmat@us.af.mil">kirtlandhazmat@us.af.mil</a></b>   |
| HM1 | Any hazardous materials used in the proposed project need to be identified either by authorizing the material(s) under a shop in EESOH-MIS or by filling out, submitting, and following the guidelines in the short term contractor Memo and worksheet. <b>Contractors may NOT leave excess materials at the site upon completion of the project.</b> Please turn in the worksheet, inventory list, & manufacture specific SDS(s) to the Hazardous Material program office or e-mail to the Hazardous Materials mailbox. <b>Please contact Hazardous Materials POC for Memo &amp; worksheet.</b>  |
| HM2 | Any hazardous materials used in the proposed deployment need to be identified by filling out, submitting, and following guidelines in the deployment memo and worksheet. Please turn in the worksheet, inventory list, & manufacturer specific SDS(s) to the Hazardous Material POC or e-mail to the Hazardous Materials mailbox. <b>Please contact Hazardous Materials POC for Memo and worksheet.</b>   |
| HM3 | Any hazardous materials used in self-help/in-house projects must be approved via the KAFB hazardous materials process. <b>Please contact the Hazardous Materials POC for approval.</b>  |
|     | <b>Solid Waste/Recycling POC: Ms. Katrina Wheelock @ 853-2486</b>   |
| SW1 | <b>Reporting:</b> Document weight/volume of all waste disposed, recycled, or salvaged off-base, and submit documentation to the Recycling Program Manager. <b>Contact the Solid Waste/Recycling Program Manager for guidance.</b>   |
| SW2 | <b>Furniture/Equipment Disposal:</b> <b>Coordinate with DLA Disposition Services (846-6396)</b> to establish whether furniture/equipment needs to be turned in. If disposal is authorized by DLA Disposition Services, roll-off service can be requested on an AF Form 332. <b>NOTE: Furniture / equipment is not considered construction and demolition (C&amp;D) debris, and CANNOT be disposed in the KAFB C&amp;D Landfill.</b>   |
| SW3 | <i>Please note this item has been combined with M4.</i>   |

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|     | <b>Solid Waste/Recycling POC: Ms. Katrina Wheelock @ 853-2486</b>   |
| SW4 | <b>Major Construction/Demolition:</b> Ensure Section 01 74 19, <i>Construction Waste Management</i> , is included in project specs.   |
| SW5 | <b>Explosive Testing Debris:</b> Ensure test bed is cleared of any debris before next test. Only debris of a non-hazardous nature may be disposed of in the KAFB C&D Landfill. <b>Proponent must maintain documentation that waste is non-hazardous, and provide to the Solid Waste / Recycling Program Manager upon request.</b>   |
|     | <b>SPILL REPORTING – Immediately call 911 or 853-9111 then report to 846-0003, 846-8222, or 235-5641</b>  |
| S1  | <b>Spills/Releases of Hazardous Materials/POL to the Environment:</b> In the event of a spill/release to the environment that cannot be easily cleaned up, immediately contact 911 (from cell 853-9111). All spills must be reported to Environmental Management regardless of size, must be cleaned up, and contaminated materials (e.g. absorbent) must be disposed of IAW State and Federal requirements. Immediately report the spill by calling 846-0003 (business hours), 846-8222 (24/7), or 235-5641. You must speak with Environmental Management personnel; a voice message is not sufficient. A spill reporting form is required and is available at: <a href="https://www.kirtland.af.mil/Home/Environment/">https://www.kirtland.af.mil/Home/Environment/</a>  |
|     | <b>Water Quality Program POCs: Stormwater - Ms. Erica Hernandez @ 846-6362 or Wastewater - Ms. Rebecca Clines @ 846-2306</b>  |
| WQ1 | <b>Septic Tanks/Leach Fields:</b> When feasible, new construction and remodels should connect to the sanitary sewer system. If a new septic system is the only viable option, the septic tank and leach field must meet the requirements of the NMED Liquid Waste Bureau. Consult the NMED Liquid Waste requirements concerning removal and/or demolition of septic tanks (20.6.2 NMAC, <a href="http://www.nmcpr.state.nm.us/nmac/titles.htm">http://www.nmcpr.state.nm.us/nmac/titles.htm</a> ). <b>Documentation must be provided to the Wastewater POC</b>  |
| WQ2 | <b>Municipal Separate Storm Sewer System (MS4) Permit applies:</b> Be aware of weather events for duration of project. Additional measures may be required to prevent stormwater pollution runoff from site. When soil disturbance occurs near roadways, ensure all nearby inlets/catch basins are protected from runoff potential with use of gravel bags/filters/etc. Keep soil stockpiles surrounded with stormwater BMPs and covered, especially if rain events are predicted. Onsite fueling and any vehicle top-offs must use secondary containment measures. Any concrete work must ensure there is no washing out of tools, chutes, or equipment outside of a designed and protected concrete washout bin. <b>NOTE: If Any ground disturbance other than what is identified in initial project is to occur, then you MUST re-coordinate with the Stormwater Quality Program POC prior to commencing work. For adequate program review on any projects expected to disturb 0.5 acres or greater: provide an aerial or 1-24K topographic map delineating a CONSERVATIVE area of disturbance to include ingress/egress, turnabouts, equipment movement, laydown yard(s), portable latrine locations, and basic BMPs (e.g.: silt fencing, etc.). Please note area of disturbance on map.</b>  |
| WQ3 | <b>Stormwater Pollution Prevention under 2017 Construction General Permit (CGP) applicability:</b> Projects disturbing an acre or more require a Stormwater Pollution Prevention Plan (SWPPP) be created, reviewed, accepted, and submitted to EPA, including a 14 day EPA hold time. <b>Approximately 10 week time line required to obtain EPA CGP.</b> No earthwork activities may begin prior to CGP authorization. Take appropriate actions to prevent track out of soils, address concrete washout, secondary containment required at fueling/equipment sites, and daily site housekeeping should be practiced for removal of surface trash/floatable litter. All nearby catch basins must be protected with BMPs in the event of runoff from project laydown yard or project site. Soil stockpiles must be protected from rain events and/or blowing winds. SWPPP must be continually updated in the field with changing site conditions and have completed weather and site inspection logs. Any illicit discharges (i.e.: oil spills/stains, etc.) must be cleaned up and removed/disposed of IAW checklist item <b>S1</b> , and noted in the SWPPP. Per KAFB SWPPP and base specific seeding specs, any disturbed areas should be re-vegetated back to 70% natural state before the EPA NOT can be submitted. <b>Dig Permit requests subject to this requirement require an active and filed CGP Notice of Intent (NOI).</b> <b>For adequate program review on any projects expected to disturb 0.5 acres or greater: provide an aerial or 1-24K topographic map delineating a CONSERVATIVE area of disturbance to include ingress/egress, turnabouts, equipment movement, laydown yard(s), portable latrine locations, and basic BMPs (e.g.: silt fencing, etc.). Please note area of disturbance on map.</b> |
| WQ4 | <b>Energy Independence and Security Act (EISA), Section 438 (2007)</b> - Federal agencies are required to reduce stormwater runoff from federal development and redevelopment projects to protect water resources. <b>UNDER ONE ACRE WITH FACILITY DEVELOPMENT / REDEVELOPMENT OVER 5000 SQUARE FEET INCLUDING ROADS, PARKING, AND SIDEWALKS.</b> Project plans will include installing Low Impact Development (LID) or Green Infrastructure (GI) to ensure no increase to stormwater runoff levels from project site. LID/GI must be included in development or redevelopment project design. <b>Proponent must work with the Stormwater POC</b> to properly implement MS4 permit and EISA Section 438 requirements. BMPs are required to provide concrete washout, and to prevent track out of soils and surface trash/floatable litter from leaving the site. All nearby catch basins must be protected with BMPs in the event of runoff from project laydown yard or project site. Soil stockpiles must be protected from rain events and/or blowing winds. Secondary containment is required for any fueling areas, to include generators. Dig Permits should be obtained through the standard KAFB Dig Permit process. <b>Note: use of retention ponds is strictly prohibited.</b>  |
| WQ5 | <b>Oil Water Separators, Grease and Sand Traps:</b> Equipment should only be installed at locations with an identified need and no feasible alternative. <b>All OWSs being installed on Kirtland AFB must be double walled, include high level alarm and coalescing filters. Units CANNOT be concrete.</b> Prior to installation of equipment, design features and processes should be substantially reviewed for spill protection. <b>Coordination with Wastewater POC required.</b>   |
| WQ6 | <b>Gray and Black Water Systems:</b> For all projects/events, the contractor must anchor portable latrines to prevent toppling of the unit. All projects and events that will utilize gray (hand wash stations and showers) and black (portable latrine) water systems must ensure that the contents are disposed of in accordance with local, state and federal laws. <b>Consultation with Wastewater POC required.</b>  |



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|      | <b>Water Quality Program POCs: Stormwater - Ms. Erica Hernandez # 846-6362 or Wastewater - Ms. Rebecca Clines @ 846-2306</b>  |
| WQ7  | <b>Fire Suppression System Discharge:</b> Discharges from fire suppression systems utilizing chemical suppressants must be contained at the facility. Discharges of chemical suppressants to the environment or sanitary sewer system (including via an Oil/Water Separator) are <b>prohibited</b> . <b>Coordination with Wastewater POC required.</b>  |
| WQ8  | <b>Section 404 Permit:</b> Any activities in or near the Tijeras or Coyote Arroyos may require a Section 404 Permit. <b>Consultation with Stormwater POC required.</b>  |
| WQ9  | <b>Discharge to Sanitary Sewer (for HVAC systems see WQ10):</b> Discharges to the sanitary sewer must be approved by 377 MSG/CEIE in writing <b>prior</b> to discharge occurring. <b>Complete Wastewater Discharge Request Form and return with laboratory analytical results to Wastewater POC</b> a minimum of 7 business days prior to proposed discharge date. All pollutant analyses must be performed by an approved laboratory as required by Section 3-6-7.B of the ABCWUA Ordinance. Discharge cannot be approved for wastewater containing pollutant levels that exceed the published Local Limits (Daily Maximum and Monthly Average); this wastewater must be containerized for disposal off-base. Request Form with Block E completed and any shipping papers must be returned to Wastewater POC within 7 business days of discharge or ship date. <b>Ensure contract costs account for sampling and off-base disposal. Consultation with Wastewater POC required.</b> |
| WQ10 | <b>HVAC Systems (including chilled water systems for non-HVAC purposes):</b> Fluid drained from HVAC systems may <b>not</b> be discharged to the sanitary sewer without prior written approval from the Wastewater POC and 377 MSG/CEIE. <b>Complete HVAC Wastewater Discharge Request Form and return to Wastewater POC</b> a minimum of 7 business days prior to proposed discharge date. To ensure compliance with the less than 1,500 gallon per day discharge limit in KAFB Wastewater Discharge Permit, all HVAC wastewater discharges must be scheduled and may only occur on date approved by 377 MSG/CEIE. Any HVAC wastewater discharges 1,500 gallons or greater must occur over several days to maintain compliance. Request Form with Block D completed must be returned to Wastewater POC within 7-business days of discharge date. <b>Consultation with Wastewater POC required.</b>   |
| WQ11 | <b>Lift Stations:</b> Lift station must be appropriately sized for facility. The maximum retention time for waste in the wet well shall not exceed 30 minutes to prevent septicity. Lift stations must have audible and visual alarms at each pump station to alert maintenance staff of pumping failures, including at times of power loss. Provide all lift stations with at least duplex pump systems to ensure redundancy. Lift stations should include equipment to transmit alarm signals to a central monitoring point; and should be equipped with emergency backup power. <b>Consultation with Wastewater POC required.</b>  |
|      | <b>Tank Program POCs: Ms. Erica Hernandez @ 846-6362</b>  |
| T1   | <b>Transformers:</b> Please forward the make, model, transformer ID, location/building, and oil capacity (in gallons) for each new/replacement transformer being installed <b>to Tank Program POC.</b>  |
| T2   | <b>Tanks – Above Ground Storage Tanks (ASTs), Underground Storage Tanks (USTs) and Generators:</b> USTs are NOT authorized on KAFB. ASTs in below grade concrete vaults are allowed. All tanks over 55 gals must have secondary containment. All tanks over 1,320 gals must be registered with the state. Please forward the make, model, ID number, location/building, and storage capacity (in gallons) for all new and/or replacement oil storage tanks (including POLs, grease, fuels & generators) over 55 gals to the <b>Tank Program POCs.</b>   |
| T3   | <b>Tanks – Removal/Replacement/Out of Service:</b> If a tank will not be in active use for a period of 45 days or more, contents must be drawn down and any residual material characterized and properly disposed. <b>Contact Tank Program POC and Hazardous Waste POCs.</b>  |
|      | <b>Natural Resources Program POC: Mr. David Reynolds @ 846-0226</b>   |
| NR1  | Please note this item was combined with NR3   |
| NR2  | <b>Removal/Trimming of Tree(s):</b> Contact Natural Resources POC to discuss a survey for bird nests at least 3 days prior to removal/trimming.   |
| NR3  | <b>Outdoor Activities (Including Exterior Building/Structure Renovations and Demolitions):</b> Contact Natural Resources POC to discuss a survey for bird nests/animal issues at least 3 days prior to beginning work. Depending on the scope and duration of the project, a qualified biologist may need to be contracted by the proponent. <b>Please note:</b> Removal of rocks, gravels, boulders, or sediments must be approved prior to use for construction projects.   |
| NR4  | <b>Construction and Maintenance of Exterior Electrical Distribution Equipment (Including poles, risers, transformers, and guy wires):</b> Poles, risers, and transformers may need to be designed or retrofitted to prevent bird electrocution. Guy wires may need to be adapted to prevent bird collisions. Any birds killed or injured by electrocution or collision with this equipment must be reported to USFWS. <b>Contact Natural Resources POC for avian safe design consultation. For adequate program review: provide an aerial or 1-24K topographic map delineating a CONSERVATIVE area of disturbance to include ingress/egress, turnabouts, equipment movement, laydown yard(s), portable latrine locations, and basic BMPs (e.g.: silt fencing, etc.). Please note area of disturbance on map.</b>  |
| NR5  | <b>Digging Holes/Trenching:</b> Potential exists for reptiles/amphibians/small mammals dropping into holes/trenching projects and becoming trapped. Holes require covers and trenches require ramps at no more than 45 degrees so that trapped animals may escape. <b>Contact Natural Resources POC with questions. For adequate program review: provide an aerial or 1-24K topographic map delineating a CONSERVATIVE area of disturbance to include ingress/egress, turnabouts, equipment movement, laydown yard(s), portable latrine locations, and basic BMPs (e.g.: silt fencing, etc.). Please note area of disturbance on map.</b>   |
|      | <b>Cultural Resources Program POC: Mr. David Reynolds @ 846-0226</b>  |
| CR1  | <b>The project is located within or adjacent to a Historic Property:</b> Contact the Cultural Resources POC to initiate SHPO consultation. Mitigation consultation requires SHPO consultation and does not have a timeline for completion of plan -Significant costs can be required for mitigation -Mitigation work may delay start of project. <b>NO WORK SHALL OCCUR UNTIL SHPO CONSULTATION IS COMPLETE.</b>  |

| <b>Cultural Resources Program POC: Mr. David Reynolds @ 846-0226</b> |  |
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| CR2  | <b>Impacts to Archaeological Sites are possible:</b> Contact the Cultural Resources POC to initiate SHPO/THPO consultation. Mitigation consultation requires SHPO/THPO consultation and does not have a timeline for completion of plan -Significant costs can be required for mitigation -Mitigation work may delay start of project. <b>NO WORK SHALL OCCUR UNTIL SHPO/THPO CONSULTATION IS COMPLETE.</b> <b>For adequate program review:</b> provide an aerial or 1-24K topographic map delineating a CONSERVATIVE area of disturbance to include ingress/egress, turnabouts, equipment movement, laydown yard(s), portable latrine locations, and basic BMPs (e.g.: silt fencing, etc.). Please note area of disturbance on map.   |
| CR3  | <b>Inadvertent Discovery of Buried Cultural Resources or Native American Human Remains and Objects:</b> If cultural resources are encountered inadvertently during a project, work in the immediate vicinity shall be halted and the Cultural Resources Program POC shall be notified immediately. <b>For adequate program review:</b> provide an aerial or 1-24K topographic map delineating a CONSERVATIVE area of disturbance to include ingress/egress, turnabouts, equipment movement, laydown yard(s), portable latrine locations, and basic BMPs (e.g.: silt fencing, etc.). Please note area of disturbance on map.  |
| CR4  | <b>Walking Through Past Cultures:</b> We have found over 650 archaeological sites within the boundaries of the installation. Walking over these sites you may see pottery, ground stone, and, possibly projectile points (arrowheads). These artifacts are an important part of history. Please do not disturb these areas. You may walk through them, but do not pick up the artifacts. If you take any of the artifacts, it is considered theft. The Archaeological Resource Protection Act mandates that knowledge of the location of the sites only be privy to qualified personnel and <b>theft or looting of these sites can result in civil and/or criminal prosecution, with the assessment of fines and/or jail time.</b>   |
| <b>MISCELLANEOUS</b>   |  |
| M1   | <b>Ground Disturbance:</b> AF Form 103 required. Email: <a href="mailto:377MSGCECDPM@us.af.mil">377MSGCECDPM@us.af.mil</a> .   |
| M2   | <b>Project Requires Siting:</b> Please ensure requested project footprint includes an estimated space requirement for associated laydown yard(s). Contact Base Siting Office at 853-2747.  |
| M3   | <b>Tree Removal:</b> Personal use is not allowed. Please remove stumps and ensure trunks are no longer than 5 feet and/or 30 inches in diameter. <b>Coordination with Landfill Personnel required – Please call 846-5994 for further guidance.</b>   |
| M4   | <b>Disposal of Construction &amp; Demolition (C&amp;D) Waste at Kirtland C&amp;D Landfill:</b> In order to gain access to the site, contractors must obtain a KAFB C&D Landfill Pass specific to each contract held for work on KAFB (multiple contracts = multiple passes). Note that a landfill pass establishes eligibility to use the facility; <b>it does not guarantee disposal.</b> Passes are issued Monday – Friday, 0730-1200. <b>To obtain a Pass, contractors must bring all of the following items to the Landfill office:</b> a) copy of the valid contract issued by a U.S. Government Contracting Agency for work to be accomplished on KAFB that requires use of the KAFB C&D Landfill; b) original, current vehicle registration(s); c) valid proof of insurance; and d) subcontractor appointment letter or contract (if applicable), showing subcontractor's performance period. Contractor's signature to obtain a Pass indicates that contractor will control the waste stream such that <b>only C&amp;D generated on KAFB is disposed at the C&amp;D Landfill</b> (no municipal solid waste, no hazardous waste, no special waste, no off-base waste, etc.), and that contractor assumes full responsibility for proper disposal of any waste that may be rejected at the gate. Scrap metal and corrugated cardboard must be segregated for recycling prior to arrival at the C&D Landfill; mixed loads are not accepted. |
| M5   | <b>Activities on Permitted Property:</b> Permittee is responsible for adhering to all environmental laws and obtaining all applicable permits prior to commencing work. This includes conducting biological and cultural surveys as applicable. <u>Please pay particular attention to these specific checklist items: Tx1, Tx2, Tx3, AQ3, AQ6, AQ7, HW1, HM1, S1, WQ2, WQ3, WQ7, WQ9, WQ10, and T2.</u> <b>Failure to comply with these local regulatory requirements can result in notices of violation and financial penalties that will be the responsibility of the permittee. Please contact your Environmental Office for further guidance.</b>  |
| M6   | <b>Environmental Management System (EMS) Awareness:</b> KAFB has a conforming EMS. All personnel, to include contractors, need to be aware of the Environmental Commitment Statement found at the following website - <a href="https://go.usa.gov/xearu">https://go.usa.gov/xearu</a> . All KAFB contractors must complete the computer-based "EMS General Awareness Training" course in TEACH as required by AFI 32-7001 §4.3.1 and have a verified certificate of completion (one-time requirement). Register and complete course here: <a href="https://usaf.learningbuilder.com">https://usaf.learningbuilder.com</a> . Completion of the EMS course assures Contractor awareness of environmental impacts and a commitment to mitigate those impacts by following local, state, and federal environmental regulations and practicing pollution prevention techniques. Questions on EMS can be directed to <a href="mailto:kirtlandenvmgt@us.af.mil">kirtlandenvmgt@us.af.mil</a> .  |
| M7   | <b>Spectrum Management Office (SMO):</b> All organizations on KAFB (includes incoming or TDY units and construction companies) that have radios (including walkie talkies), radars, sounders or a device that transmits radio frequencies must have a radio frequency license issued from the National Telecommunications and Information Administration (NTIA) or the Federal Communications Commission (FCC) prior to operation on the Installation. <b>Organizations should contact the SMO to ensure that their devices are properly licensed prior to use, or, to request radio frequency assistance from the Installation Spectrum Managers. The SMO can be reached at (505) 853-3769/7426.</b> Additionally, all EMF transmitters owned or operated by avionics workplaces, communications facilities, industrial processes, medical facilities, research projects, and development projects require initial hazard evaluation or whenever parameters change a hazard evaluation is required by Bioenvironmental Engineering to determine if exposure are within the Maximum Permissible Exposure limits, IAW AFI 48-109, section 4.2. <b>Bioenvironmental can be reached at 846-4259.</b>  |
| M8   | DD1354 is required to capitalize improvements. <b>Please submit DD1354 interim package at 65% of design to the Real Property Office (RPO).</b> Any space turn-ins, space requests, and CATCODE changes through the RPO. Email: <a href="mailto:377MSG.CEI.dd1354s@us.af.mil">377MSG.CEI.dd1354s@us.af.mil</a> .  |

| <b>MISCELLANEOUS - continued</b> |  |
|----------------------------------|--|
| M9                               | Due to the potential for encountering Unexploded Ordnance (UXO), any fieldwork south of Hardin Blvd requires workers to complete UXO Awareness training. <b>The 377 MSG/CED EOD Group can provide this short training. They can be contacted at 846-2229.</b>  |
| M10                              | If any part of the proposed project would require the issuance of a Real Property instrument (permit, license, lease, ROE, etc.), then an Environmental Baseline Survey (EBS) is required. EBSs must contain an EDR, or similar, report. The proposed project must fund this requirement. For the mandatory format and KAFB specific template, please <b>contact the KAFB NEPA Office at 846-6446 or 846-3774.</b>   |
| M11                              | Use of the requested area must be scheduled through the 377 ABW/XP Range Management Office (RMO) for de-confliction with other activities. <b>377 ABW/XP RMO can be reached at 377ABW.XP.RangeMgmtOffice@us.af.mil or 853-5295.</b>  |
| M12                              | <p>Due to current fire conditions, <b>the following procedures must be followed by all agencies</b> conducting outdoor explosive operations including the use of Ground Burst Simulators (GBS), Simmunition, blank ammo, and smoke grenades:</p> <ul style="list-style-type: none"> <li>A. Must have on hand 5 pressurized water extinguishers which will be located in close proximity to the scheduled event. Back pack water pumps, water trailers/trucks can also be used. ABC fire extinguishers will not be used to extinguish brush fires.</li> <li>B. Must have 5 full sized shovels and rakes</li> <li>C. Must have communications to be able to contact the Fire Department through 911. Cell phone users must dial 853-9111 to reach Fire Department and Security Forces.</li> <li>D. All fires must be reported to the Fire Department even if the agency was able to put the fire out.</li> <li>E. All explosive operations must cease if winds are 25mph or higher.</li> <li>F. GBS and smoke grenades must be placed in metal container when deployed. For GBS the metal container can be a 55 gallon drum, ½ 55 gallon drum or equivalent, not an AMMO can. Deep sand bag pits can be used, with approval, case by case.</li> <li>G. All agencies must submit a Risk Management plan specifically addressing fire prevention to both the 377 ABW/XP RMO (377ABW.XP.RangeMgmtOffice@us.af.mil) and the 377 ABW/SEW Office (377ABWSEW@us.af.mil) prior to conducting a scheduled event, if the event includes the use of any type of pyrotechnic device.</li> </ul>  |
| M13                              | <p>1. TESTING, TRAINING AND/OR EXERCISES INVOLVING AMMUNITION AND/OR EXPLOSIVES (Includes Blanks and Dye Marking Cartridges): IAW AFMAN 31-129, The actions in paragraph 2 must be accomplished and routed through the 377 ABW Weapons Safety Office prior to an event containing explosives. Paragraph 3 contains additional requirements for specific activities.</p> <p>2. For ALL training or exercise activities: Units must provide Weapons Safety with a plan signed by the responsible CC that contains the following items: (a) A Risk Assessment, (b) A listing that contains the NSN, Hazard Division, and explosive weights (NEW), of all involved ammunition and explosives (AE), (c) A detailed list and map of locations where explosives will be employed for the training or exercise, (d) A procedure for the accountability and reconciliation of all items used in the training, (e) A list of required separation distances IAW DESR 6055.09_AFMAN 91-201 para V5.E3.2.10.6.4, (f) A list of PPE required.</p> <p>3. Additional Requirements based on activity:</p> <p>A. Training/Exercises Involving Blanks (includes dye marking cartridges): Units must adhere to the safety and operational requirements found in AFMAN 31-129 and develop/maintain locally written procedures (reviewed by Weapons Safety) that include the following: (a) Physically inspect all exercise participants to ensure they are not carrying live ammunition, (b) Inspect ammunition and magazines to ensure only blank/dye-marking ammunition is employed, (c) This will include a joint inspection with the armorer if ammunition is issued from and turned into the armory, (d) Ensure all exercise participants are aware of the physical differences between live, dye-marking, less than lethal and blank/dye-marking ammunition and can readily identify each.</p> <p>B. Training/Exercises Involving Simulators and/or Smoke Producing Munitions: Units must include in their plan the following restrictions (reference DESR 6055.09_AFMAN 91-201): (a) USAF personnel can only use and be exposed to USAF stock listed explosives during training, (b) Only trained personnel may activate these items (include a list of trained personnel authorized), (c) Training must be accomplished by a certified trainer (EOD), (d) The unit must request training and maintain copies of the training records for training received, (e) Generate procedures to ensure all combustible is removed from a 10 foot radius of the initiation point, (f) generate procedures to ensure all minimum separation distances are known and met IAW DESR 6055.09_AFMAN 91-201 para V5.E3.2.10.6.4.</p> <p>C. Explosive Tests (reference AFMAN 91-201 section 7E): Units must generate a test plan and RA signed by your Unit Commander.</p> <p><b>NOTE: IN ALL CASES UNITS MUST COORDINATE WITH 377 ABW/SEW OFFICE PRIOR TO ANY EXPLOSIVES ACTIVITIES TAKING PLACE - 377ABWSEW@US.AF.MIL OR ONE OF THE FOLLOWING PHONE NUMBERS: 846-9142, 846-4229, OR 853-4711.</b></p> |
| M14                              | <p><b>RF EMR Transmitter Evaluation Required:</b> There is a requirement to evaluate RF EMR transmissions for this request. <b>Clearance must be obtained prior to implementation of request.</b> Please complete the attached RF EMR Transmitter Example Sheet and return to the 377 ABW/SEW Office at 377ABWSEW@us.af.mil.</p> <p>Additionally, all EMF transmitters owned or operated by avionics workplaces, communications facilities, industrial processes, medical facilities, research projects, and development projects require initial hazard evaluation or whenever parameters change a hazard evaluation is required by Bioenvironmental Engineering to determine if exposure are within the Maximum Permissible Exposure limits, IAW AFI 48-109, section 4.2. <b>Bioenvironmental can be reached at 846-4259.</b></p>  |



| <b>MISCELLANEOUS - continued</b> |  |
|----------------------------------|--|
| M15                              | Provide Intraline Distance (ILD) to all construction activities exposed by related Potential Explosion Site, (PES). This separation requirement applies to all construction activities related to PESs whether being accomplished by civilian or military personnel. Document a risk assessment, including the control measures taken and ensure all construction personnel are made aware of the explosives risks and evacuation procedures (e.g., emergency and lightning response). Locally maintain the risk assessment documentation until operations have been completed and personnel have permanently vacated the work site. If this separation cannot be maintained, obtain a waiver. Apply Inhabited Building Distance (IBD) to all construction activities not related to existing PESs. <b>Contact 377 ABW/SEW for all activities in explosive clear zones and surface danger zones at <a href="mailto:377ABWSEW@us.af.mil">377ABWSEW@us.af.mil</a> or at one of the following phone numbers: 846-9142, 846-4229, or 853-4711.</b> |
| M16                              | <b>Radioactive Materials:</b> All radioactive materials being brought onto Kirtland AFB must be cleared through contracting IAW AFI 48-148, <i>Ionizing Radiation Protection</i> , para 2.25.1 for any contractor work requiring their use. Contracting must ensure all contractors are made aware that radioactive materials and ionizing radiation producing devices will not be brought onto KAFB without the knowledge and written approval from the IRSO. The following documents must be submitted to the IRSO before written approval is issued: Statement of work, Health and Safety plan, Copy of permits, Location of source on base, and days and times material will remain on base, IAW AFI 48-148, section 2.25.2. <b>The IRSOs can be reached at 846-3553 or 846-4259.</b>  |
| M17                              | <b>Work may impact Drinking Water Lines/Assets:</b> Alteration, damage, or disruption to any drinking water distribution lines or other drinking water assets is <b>prohibited without prior notification to and approval from Bioenvironmental Engineering (377 ORMS/SGXB)</b> . For approved requests, ALL work on drinking water lines and/or sanitary sewer lines must be accomplished IAW current Uniform Plumbing Code (UPC) rules, including the use of approved Backflow Prevention Devices as appropriate. Any hookup of potable water lines or other assets must include backflow devices and be accomplished IAW AWWA guidelines. <b>377 ORMS/SGXB can be reached at 846-4259.</b>  |
| M18                              | <b>LASER Operations and Testing:</b> All LASER systems require initial hazard evaluation and whenever system parameters change, IAW AFI 48-139, section 3.3. <b>The ILSOs can be reached at 846-4259.</b>  |
| M19                              | <b>Radon:</b> IAW AFMAN 48-148, 7.4.5, Civil Engineering will notify the IRSO within 5 days after completion of facility construction or facility radon mitigation. (T-3). Radon mitigated facilities should have radon testing initiated within 90 days after the mitigation system is installed. (T-3). All new construction should have radon testing performed one year after occupancy of the building. <b>The IRSOs can be reached at 846-3553 or 846-4259.</b>  |
| M20                              | Comment Rescinded  |
| M21                              | <b>Additional Generator Requirements:</b> AFCEC approval for sizing for a newly proposed generator is required PRIOR to purchase and installation of the generator. <b>Coordinate with Mr. Paul Cravens at 505-846-3866 or <a href="mailto:paul.cravens.1.ctr@us.af.mil">paul.cravens.1.ctr@us.af.mil</a>.</b>   |
| M22                              | <b>Irrigation Lines:</b> Prior to digging in any landscaped areas, the Grounds Shop <b>must be</b> contacted to assist with locating irrigation lines. Agencies/Individuals/Contractors are responsible for repairing any damages incurred by the project to irrigation lines. <b>Ground Shop may be reached at 846-1803</b>   |
| M23                              | <b>Crane Usage:</b> If you will be using a crane as part of your construction project, then you will need to evaluate potential impacts to Sunport operations through the FAA OEAAA website – <a href="https://oeaaa.faa.gov/oeaaa/external/portal.jsp">https://oeaaa.faa.gov/oeaaa/external/portal.jsp</a> . Kirtland AFB POC is Mr. Bob Fraser at 846-0141.  |

*Note: Listed requirements are subject to change for compliance with statutory/regulatory changes.*



**DEPARTMENT OF THE AIR FORCE  
377TH CIVIL ENGINEER DIVISION (AFGSC)**



13 September 2017

MEMORANDUM FOR KIRTLAND AFB PERSONNEL

FROM: 377 MSG/CEIE

SUBJECT: Hazardous Material Requirements for Short-Term Construction Contractors

1. Short-term contractors working less than a year on Kirtland Air Force Base (AFB) must have hazardous materials approved for use by the Hazardous Materials Management Program, 377 MSG/CEIEC. This process includes the following elements:

- a. Complete the Contractor Hazardous Material Worksheet. Return worksheet to the 377 MSG/CEIEC Hazardous Material Management Program, Building 20685 prior to hazardous materials arriving on Kirtland AFB (505-846-2509, email [kirtlandhazmat@us.af.mil](mailto:kirtlandhazmat@us.af.mil)).
- b. Contractor will supply the 377 MSG/CEIEC Hazardous Materials Management Program with the manufacturer's Safety Data Sheet (SDS) for each material. SDSs are manufacturer specific and must match all material on-site.
- c. Hazardous Materials Management may conduct a site visit verifying the hazardous material inventory upon arrival and an inventory upon contract completion.
- d. Units are not allowed to keep excess materials for touchup or continuing needs.
- e. If the contractor is to be working with pesticides or herbicides, they must contact the 377 MSG/CEO Pesticide Management Shop at 846-5842 to coordinate Air Force reporting and management procedures.

2. These requirements are per Air Force Instruction (AFI) 32-7086, *Hazardous Material Management*, and Federal Acquisition Regulation (FAR) Clause 52.223-3, *Hazardous Material Identification and Material Safety Data*.

**CLARK.MELISSA  
.B.1291147930**

Digitally signed by  
CLARK.MELISSA.B.1291147930  
DN: c=US, o=U.S. Government,  
ou=DoD, ou=PKI, ou=USAF,  
cn=CLARK.MELISSA.B.1291147930  
Date: 2017.09.13 10:07:07 -06'00'

MELISSA B. CLARK, GS-13, USAF  
Chief, Environmental Management

## CONTRACTOR HAZARDOUS MATERIAL WORKSHEET

| SECTION 1. Contract Information   |   |   |              |
|---|---|---|--------------|
| <b>1. Contract Type:</b><br><input type="checkbox"/> Construction<br><input type="checkbox"/> Services<br><input type="checkbox"/> Aircraft Maintenance<br><input type="checkbox"/> Maintenance | <b>2. Contract Office</b><br><input type="checkbox"/> Base Contracting<br><input type="checkbox"/> AFCEC<br><input type="checkbox"/> COE<br><input type="checkbox"/> PAE/Perini<br><input type="checkbox"/> Other | <b>3. Prime Contractor</b><br><br><b>4. Subcontract Number/ Work Order</b><br><br><div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"><b>5. Contract Start Date:</b></div> <div style="width: 48%;"><b>6. Contract End Date:</b></div> </div> |              |
| <b>7. Project Title and Description:</b>  |   |   |              |
| <b>8. Contractor Name and Full Address:</b>   |   |   |              |
|   | <b>Name</b>   | <b>Email</b>  | <b>Phone</b> |
| <b>9. Contracting Officer</b>   |   |   |              |
| <b>10. Quality Assurance Evaluator</b>  |   |   |              |
| SECTION II. Hazardous Materials Information   |   |   |              |
| <b>11. Will hazardous materials be used in the performance of this contract?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No   |   |   |              |
| <b>11a. If yes, location where work will be accomplished :</b><br><br>  |   |   |              |
| <b>12. Will material be stored overnight on base?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No  |   |   |              |
| <b>12a. If yes, location where material will be stored and how it will be stored:</b><br><br>   |   |   |              |
| SECTION III. Hazardous Waste Information  |   |   |              |
| <b>13. Will hazardous waste potentially be generated during the performance of the contract?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No                                       |   |   |              |
| <b>13a. If yes, location where waste will be collected:</b><br><br>   |   |   |              |
| <b>14. If yes, contact 377 MSG/CEIEC Hazardous Waste Section@ 846-0003 annotate date contacted</b>  |   |   |              |

| CERTIFICATION   |
|---|
| <p>15. Contractor will sign below verifying that all excess materials will be removed from the base upon completion and that all hazardous materials have been inventoried and approved with Safety Data Sheets (SDSs) by 377 MSG /CEIEC Hazardous Material Manager.</p> <p>Contractor Signature:</p> |
| <p>16. 377 MSG/ CEIEC Hazardous Material Manager Signature:</p> <p style="text-align: center;">Renee Pino, Environmental Compliance, 846-2509</p>   |

Purpose: This worksheet is to annotate basic contractor information and will serve as a record that contractors were assessed for reporting requirements per Air Force Instruction 32-7086.

### Section I. Contract Information

| Block No | Block Description                | Action Required   |
|----------|----------------------------------|---|
| 1        | Contract Type                    | Check the type of Contract.                               |
| 2        | Contract Office                  | Check the contracting office managing the contract.       |
| 3.       | Prime Contractor                 | Main Contractor responsible for the contract.             |
| 4.       | Subcontractor/ Work Order        | Name of subcontractor if applicable or work order number. |
| 5.       | Contract Start Date              | The date work will actually begin on site.                |
| 6.       | Contract End Date                | The date work will actually end on site                   |
| 7.       | Project Description              | Describe the general scope of the project                 |
| 8.       | Contractor Name and Full Address | Enter the Contractor Company name and full address        |
| 9.       | Contracting Officer              | Enter name, email and phone for the Contracting Officer   |
| 10.      | QAE                              | Quality Assurance Evaluator (QAE),                        |

### Section II. Hazardous Material Information

| Block No | Block Description   | Action Required   |
|----------|---|---|
| 11.      | Will Hazardous materials be used in the performance of this contract            | Check yes or no.  |
| 11a.     | Location where work will be accomplished  | Please provide building number / area/ street                                     |
| 12.      | Will material be stored overnight on base                                       | Answer Yes or No  |
| 12a.     | If yes, location where material will be stored and how will material be stored. | Please provide building number / area/ street<br>Flammable lockers/ storage units |

### Section III. Hazardous Waste Information

| Block No | Block Description  | Action Required   |
|----------|--|---|
| 13.      | Will hazardous waste potentially be generated during the performance of the contract | Check yes or no. Hazardous waste is generated when hazardous materials are used in a process that will result in waste that have the characteristics of ignitability, corrosivity, reactivity, or toxicity. |
| 13a.     | If yes, location where waste will be collected                                       | Please provide building number / area/ street   |
| 14.      | If yes, contact 377 MSG/CEIEC Hazardous Waste  | Annotate Date Contacted 377 MSG/CEIEC Hazardous Waste   |

### Certification

| Block No | Block Description   | Action Required                              |
|----------|---|--|
| 15.      | Contractor will sign verifying that all excess materials will be removed from the base upon completion. | Contractor signs statement                   |
| 16.      | 377 MSG/CEIEC Hazardous Material Manager Signature  | Manager Signs after inspecting form and SDS. |

# HAZARDOUS MATERIAL INVENTORY SHEET

[illegible]

## Hazardous Material Inventory Sheet

| Block Description      | Action Required   |
|------------------------|---|
| Part Number/Trade Name | Enter the part number and/or trade name of the material to be used ( <i>e.g. Product Name or Product Identifier as specified on the container and safety data sheet (SDS)</i> ).          |
| Manufacturer           | Enter the manufacturer name of the material.  |
| Container Size         | Enter the container unit quantity, unit descriptor, and type of package for the material.<br>( <i>e.g. 55 GL DR - 55 Gallon/Drum, 1 LB CN - 1 Pound/Can, 4 L CO - 4 Liter/Container</i> ) |
| SDS Date               | Enter the date of the Safety Data Sheet that is representative of the material.   |
| QTY(s)                 | Enter the amount of material to be used on site.  |