PROCEDURE 5 WORK PLAN

Newport Mesa Unified School District
Estancia High School
2323 Placentia Avenue
Costa Mesa, California 92627

December 28, 2021

- **Scope of overall project**
  o Removal of subterranean asbestos cement pipe (transite)
  o Abatement procedures:
    ▪ Excavate soil over and around the pipe.
    ▪ Establish a barrier tape perimeter with warning signs.
    ▪ Snap break pipe into manageable lengths.
    ▪ Burrito wrap pipe sections and remove from the soil.
    ▪ Remove any associated transite debris.
    ▪ Transport waste to approved landfill.

- **Asbestos material at the site, its condition, type, amount and specific location(s) within the site**
  o Approximately 314 square feet of assumed and sampled transite irrigation pipe
  o This pipe is in the way of site renovations
  o The transite pipe is assumed to be asbestos containing.

- **Abatement project stages with dates and timelines**
  o Project dates: To be determined
  o __________: Excavate soil surrounding the transite pipe.
  o __________: Snap break pipe into sections, burrito wrap and remove from the site.
    ▪ Consultant to conduct a final visual inspection.

- **Provision for site preparation and control, prevention of contamination migration, including ingress/egress zones.**
  o Post warning signs and barrier tape
  o Set up 3 stage decontamination unit
  o Install polyethylene (poly) underneath locations where the pipe will be broken. Utilize a snap-break tool to break the pipe into manageable lengths.
  o Ensure water is used to wet the pipe during the break process.
  o Utilize encapsulant or spray glue to coat the broken ends.
  o Utilize transparent poly to burrito wrap sections of the transite pipe and remove.
  o Ensure no transite pieces or debris remains at the site.

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• **Engineering work practices and asbestos emissions control**
  o Utilize water to keep any asbestos materials adequately wet and avoid any visible emissions.
  o Consultant to conduct ambient air monitoring during cleaning, burrito wrapping and pipe removal.

• **Procedures for work area clean-up and/or decontamination after bulk removal.**
  o Remove poly drops under where the pipe breaks had occurred.
  o Visually inspect all affected areas to ensure all transite debris has been removed.

• **Provisions for handling, storing, transporting and disposing of the AC waste**
  o Burrito wrap pipe sections in transparent 4 mil. poly.
  o Place any transite pieces or debris, cleaning rags and tool residue in transparent 6 mil waste disposal bags.
  o Clean outside and place in a second bag with goose neck seal and appropriate warning labels.
  o Place waste bags/burrito wrapped waste items in a lockable enclosed bin or vehicle until transported from the site by a licensed waste hauler and vehicle.
  o Transport to a certified disposal site appropriate for disposal of friable ACM

• **Air Monitoring type(s) and clearance level to be achieved**
  o High Volume ambient air monitoring will be conducted outside of the perimeter boundaries during disturbance of the transite materials. Samples to be analyzed by PCM.
  o Visual clearance will be provided by a certified asbestos consultant (CAC) to ensure the work is complete.
  o The results of any and all clearances (visual, air) will be documented and such documentation will be provided to the Owner.

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