

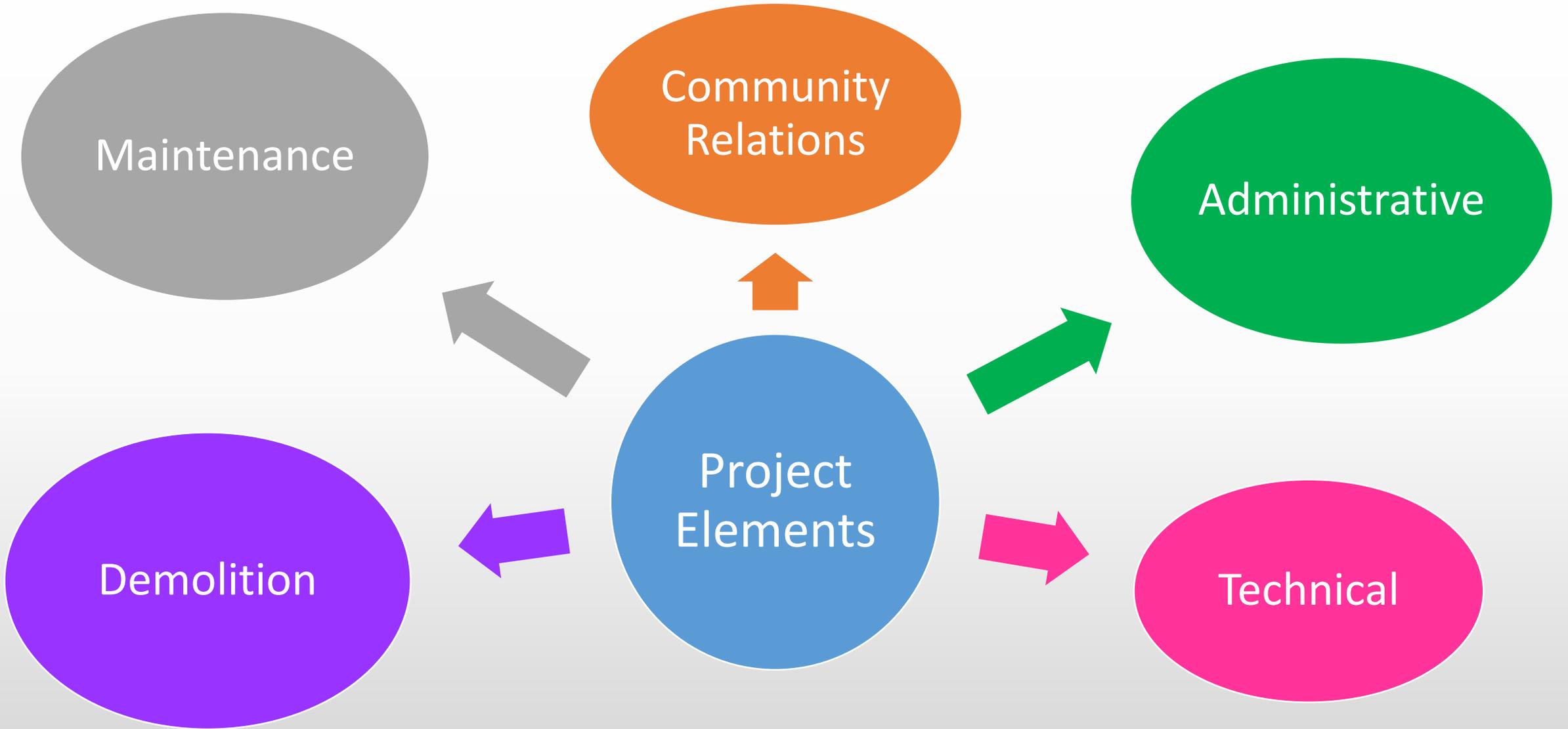
Curtis Specialty Papers Site Milford, New Jersey

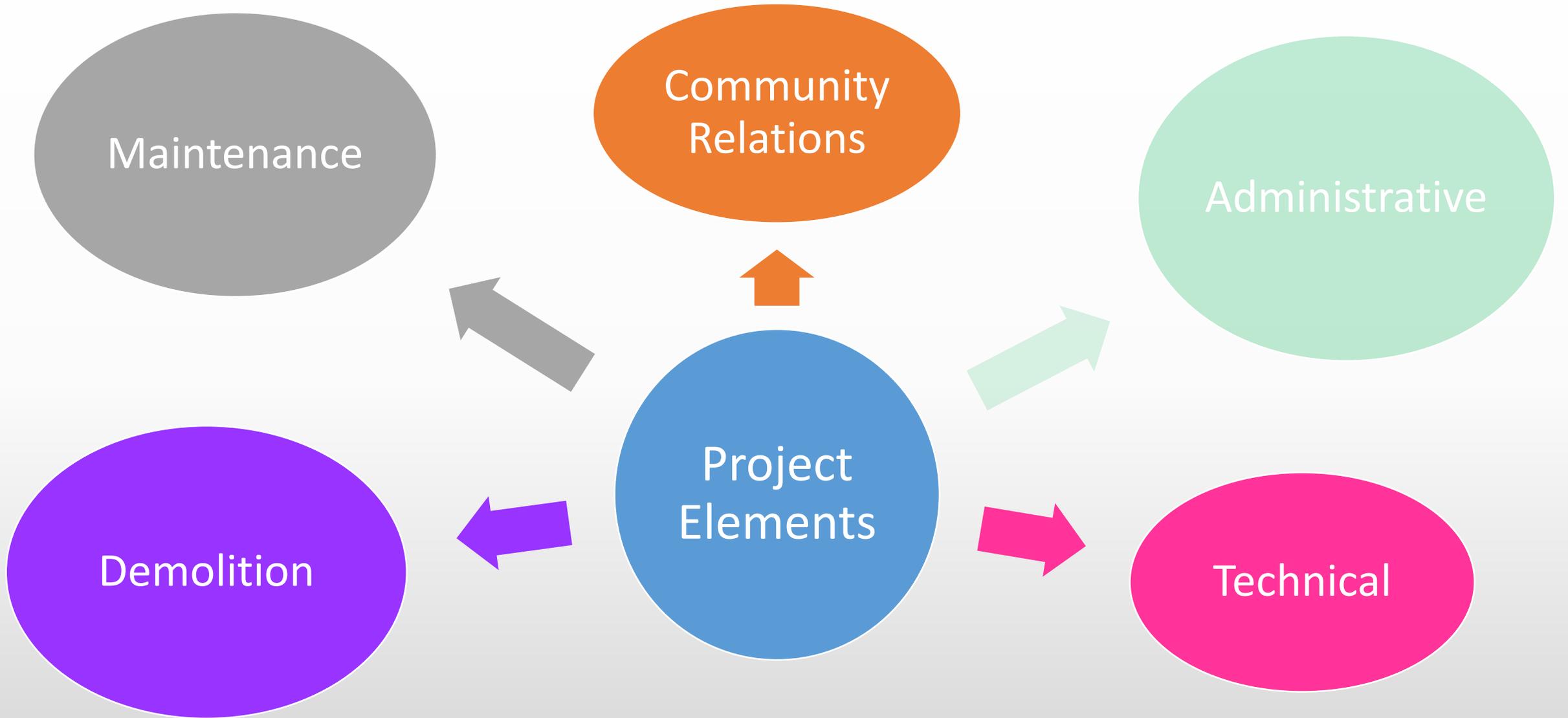


REMEDIATION AND DEMOLITION STATUS UPDATE

Community Advisory Group Meeting

June 17, 2019







Maintenance



Fence Repair After Storm

Fence Repair After Storm

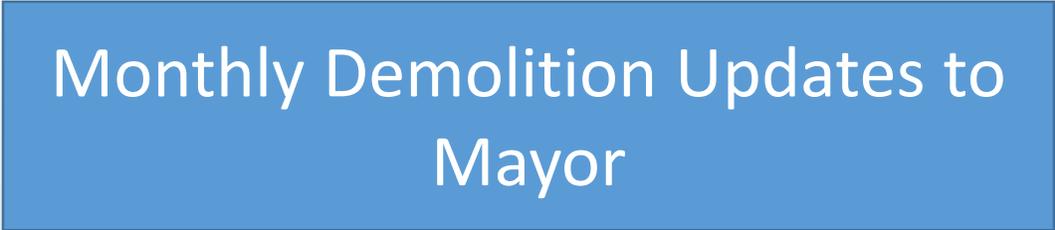




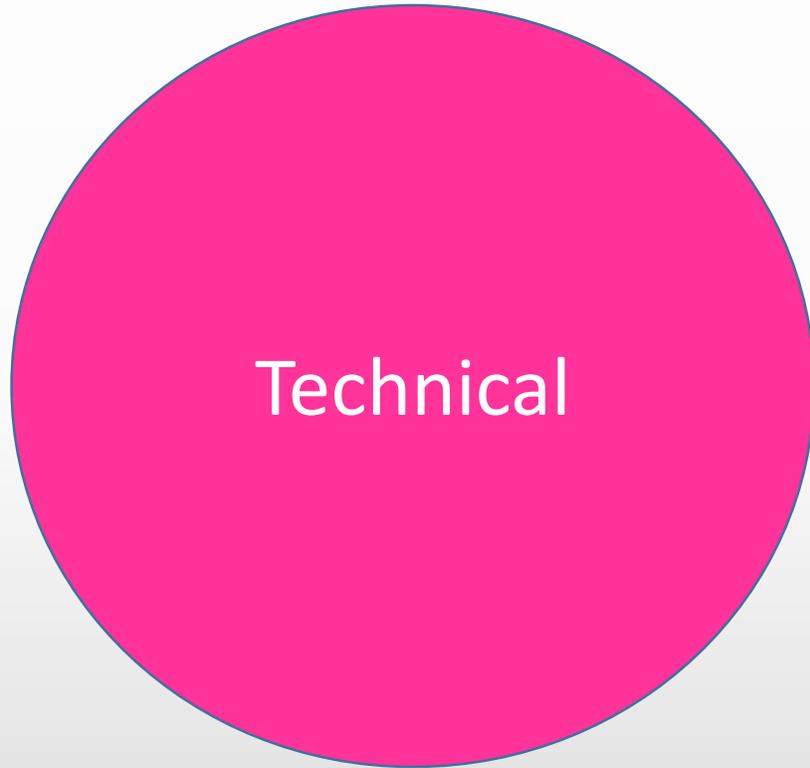
Community
Relations



CAG Meetings



Monthly Demolition Updates to
Mayor



Pilot Injection Test/Treatability
Study Field Work

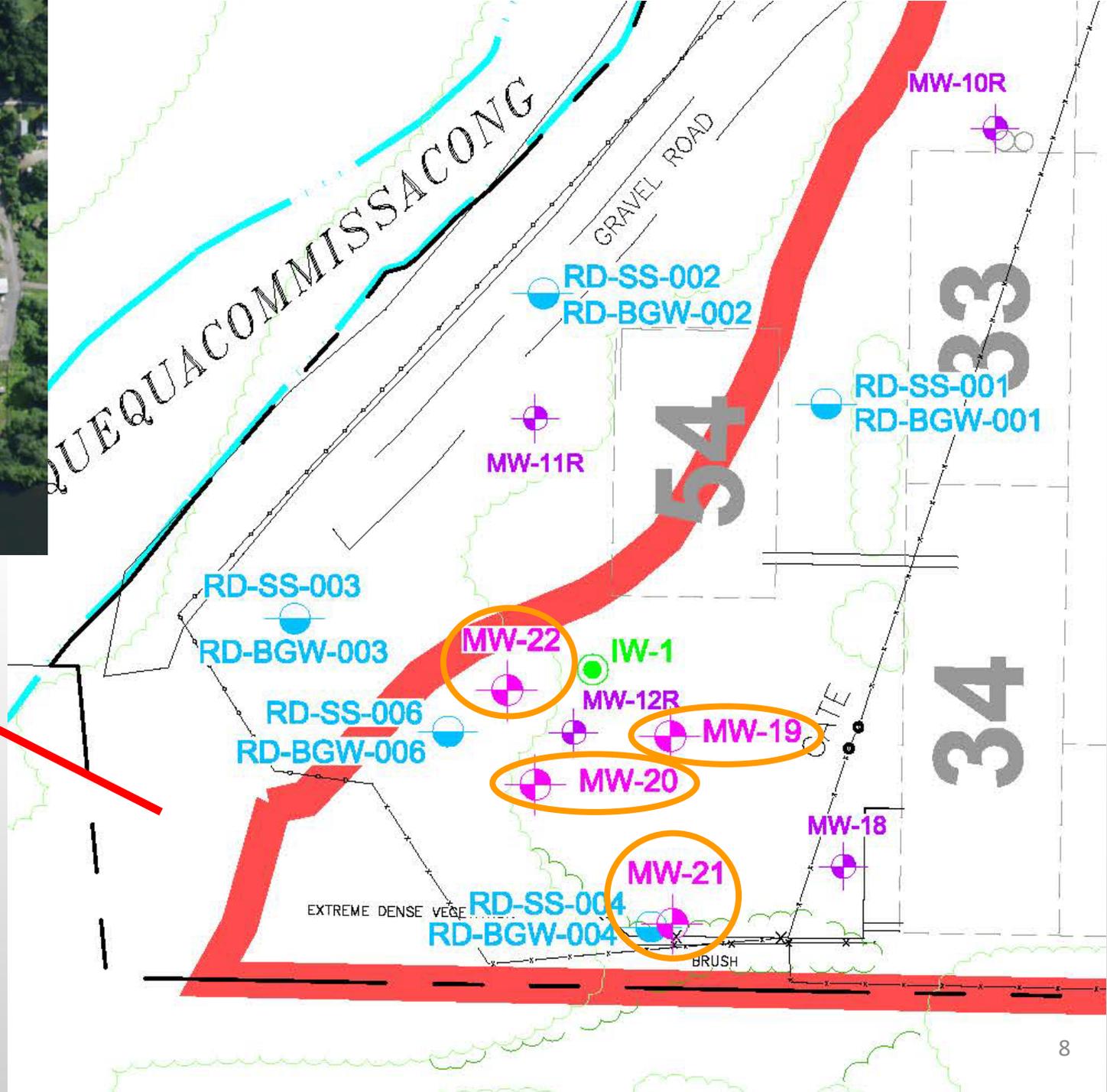
Deliverables/Reporting

Final Remedy
Design/Construction

Supplemental Groundwater
Sampling



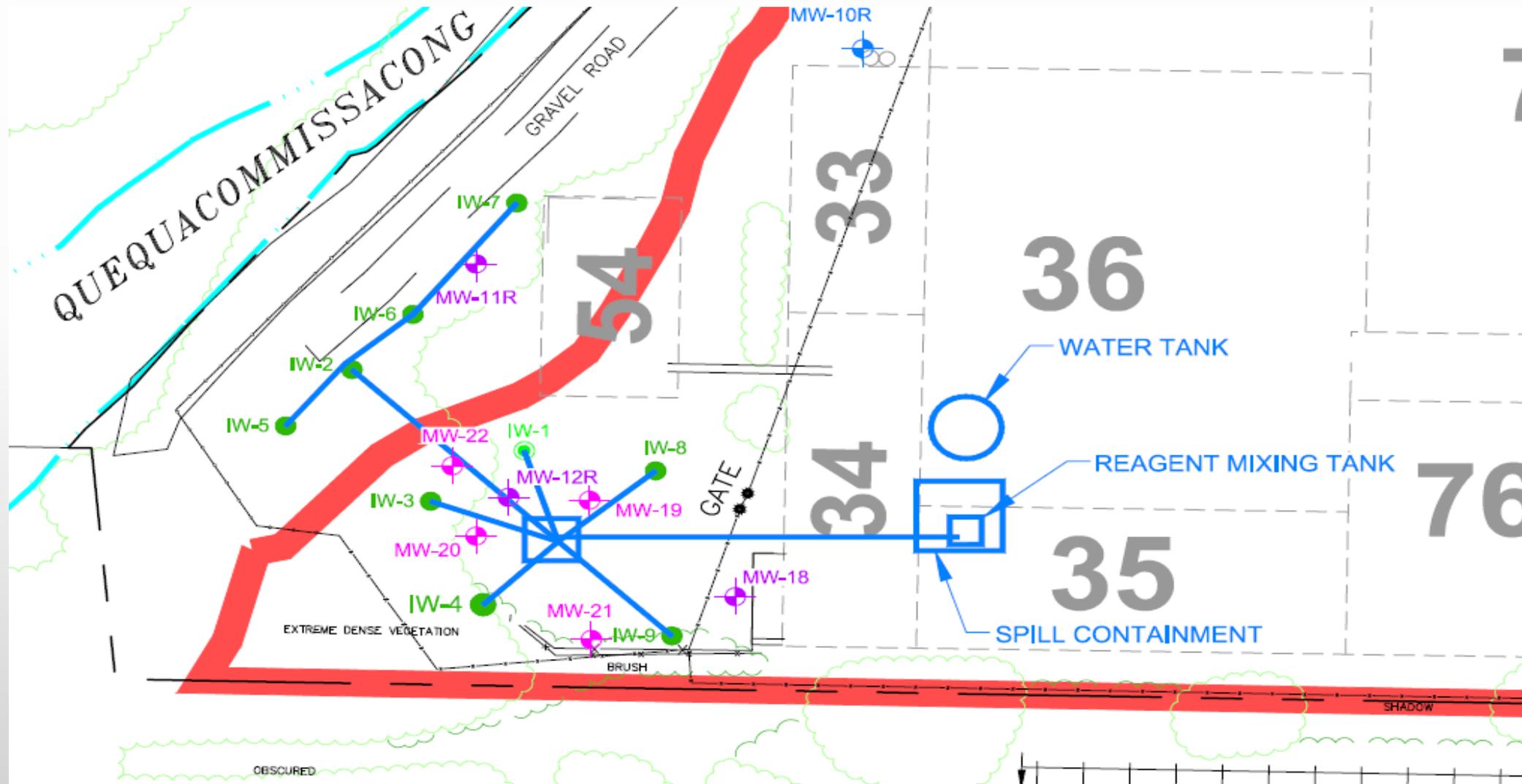
**MONITORING WELL
AND INJECTION
WELL LOCATIONS**



PRELIMINARY (30%) REMEDIAL DESIGN

- April 18, 2019 – Submitted to USEPA
 - Summarizes Treatability Study results
 - Presents proposed approach for full-scale remediation of impacted groundwater using anaerobic biologic oxidation (ABOx)
- May 21, 2019 – Approved by USEPA
 - Triggers 45-day clock for submittal of the 95% Design
 - Submit 100% Remedial Design to USEPA within 30 days of USEPA comments on 95% Design (if any)
- Overview of Approach
 - 9 injection points (1 existing well, 1 existing pilot test well, 7 new wells)
 - 10 g/L magnesium sulfate (Epsom salt solution)
 - Monitor effects in groundwater, adjust program as necessary

PRELIMINARY (30%) REMEDIAL DESIGN



SCHEDULE

Activity/Submittal	2017			2018				2019				2020
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Consent Decree Filing	COMPLETE											
Document Submittals	RDWP							TSER	30%	95%	100%	
Agency Reviews/Comments		COMPLETE						TSER	30%	95%	100%	
Permit/Equivalency Submittals		COMPLETE										ABOx
Permit/Equivalency Approvals			RD/TS									
Field Work			RD/TS	TS	TS	TS	TS					
Construct Remedy												ABOx

COMPLETE

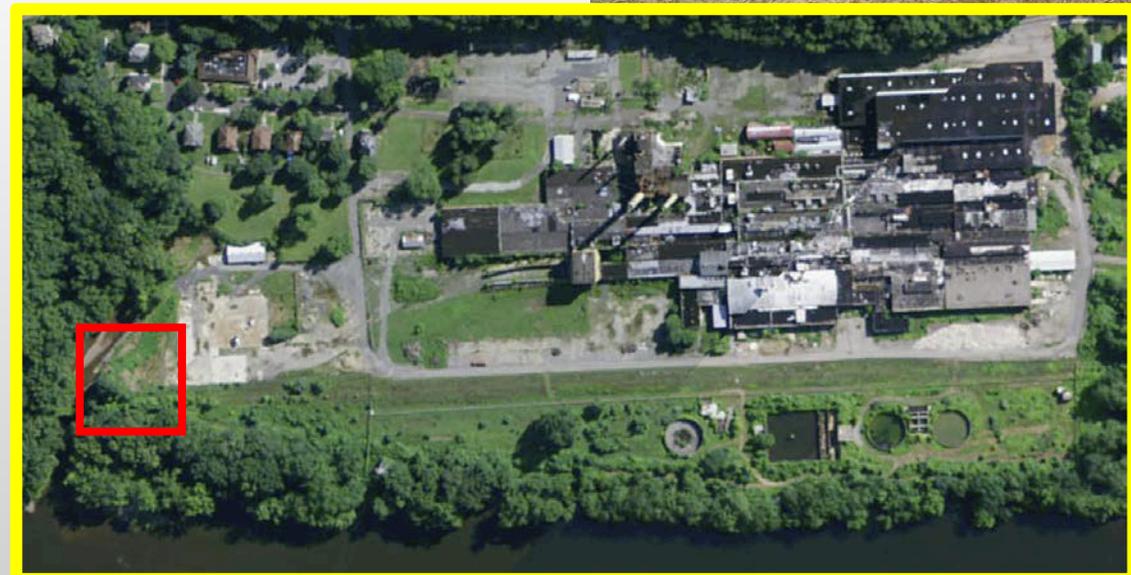
FUTURE DOCUMENT SUBMITTAL

FUTURE AGENCY APPROVAL

FUTURE FIELD WORK

FUTURE REMEDY CONSTRUCTION

- Implement full-scale remedy following USEPA approval of Remedial Design



GROUNDWATER NEXT STEPS

GROUNDWATER – SUPPLEMENTAL SAMPLING

- USEPA and NJDEP requested sampling for additional compounds
- IP/GP sampled 4 site wells in May 2019 for the additional compounds
- Additional compounds were detected in the wells and will be incorporated into future monitoring
- An additional sampling plan will be proposed to the agencies to further define nature and extent

DETECTIONS OF ADDITIONAL COMPOUNDS WILL NOT IMPACT ONGOING DEMOLITION



Beneficial Use and Reuse

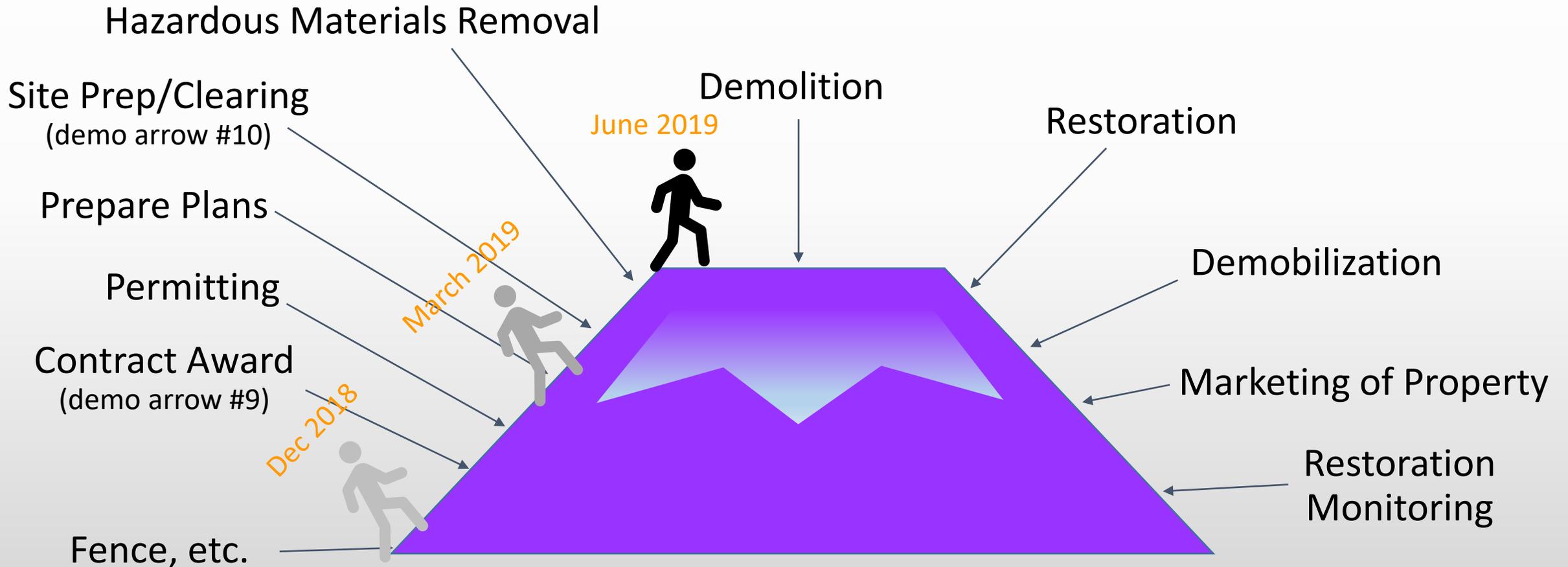
Permit Equivalency

Building Demolition

DEMOLITION ACTIVITIES COMPLETED SINCE MARCH

- Write Plans
- Emergency Response Drill
- Raptor survey / Bat surveys (visual, emergence, acoustic)
- Asbestos abatement
- Universal waste removal
- Scrap metal retrieval
- Building demolition

DEMOLITION PROGRESS



DEMOLITION - EMERGENCY RESPONSE DRILL

- Week of April 15
- Emergency responders invited to site to conduct a drill



DEMOLITION – T&E SURVEYS

- Raptors
 - May 13, 2019 osprey nest survey – abandoned (May 17 letter to USEPA)
- Bats
 - April 24, 2019 – T&E approach submitted to agencies for review
 - May 2, 2019 – USEPA approved approach
 - Visual surveys on 17 small buildings completed May 21 and 22, June 5 - no indications of presence
 - Emergence surveys completed at Bldgs 66 and 125 on June 4 and 5 – none observed
 - Acoustic survey completed at the Main Mill from May 22 through 24 – likely absence confirmed

DEMOLITION - ASBESTOS ABATEMENT



Abatement of non-friable ACM caulking from foundation of former Building 107.



ACM disposal container.



ACM monitoring outside containment area

NO PERIMETER DETECTIONS OF ASBESTOS FIBERS

DEMOLITION - SCRAP METAL RETRIEVAL



DEMOLITION PROGRESS



Demolition of Clarifier



Site of Former Building 103



Demolition of Building 107



Erosion Control Measures



Site of Former Building 126

DEMOLITION PROGRESS



Building
66



Building
125



DEMOLITION PROGRESS



Demolition of Building 118



Demolition of Building 111



Foundation of Thickener at former WWTP



Demolition of Building 83



Removal of Residual Concrete Building 83B

DEMOLITION – AIR MONITORING



Mobile Perimeter Air
Monitoring Station



Perimeter air monitoring locations



Mobile meteorology sensor

DEMOLITION – DUST SUPPRESSION



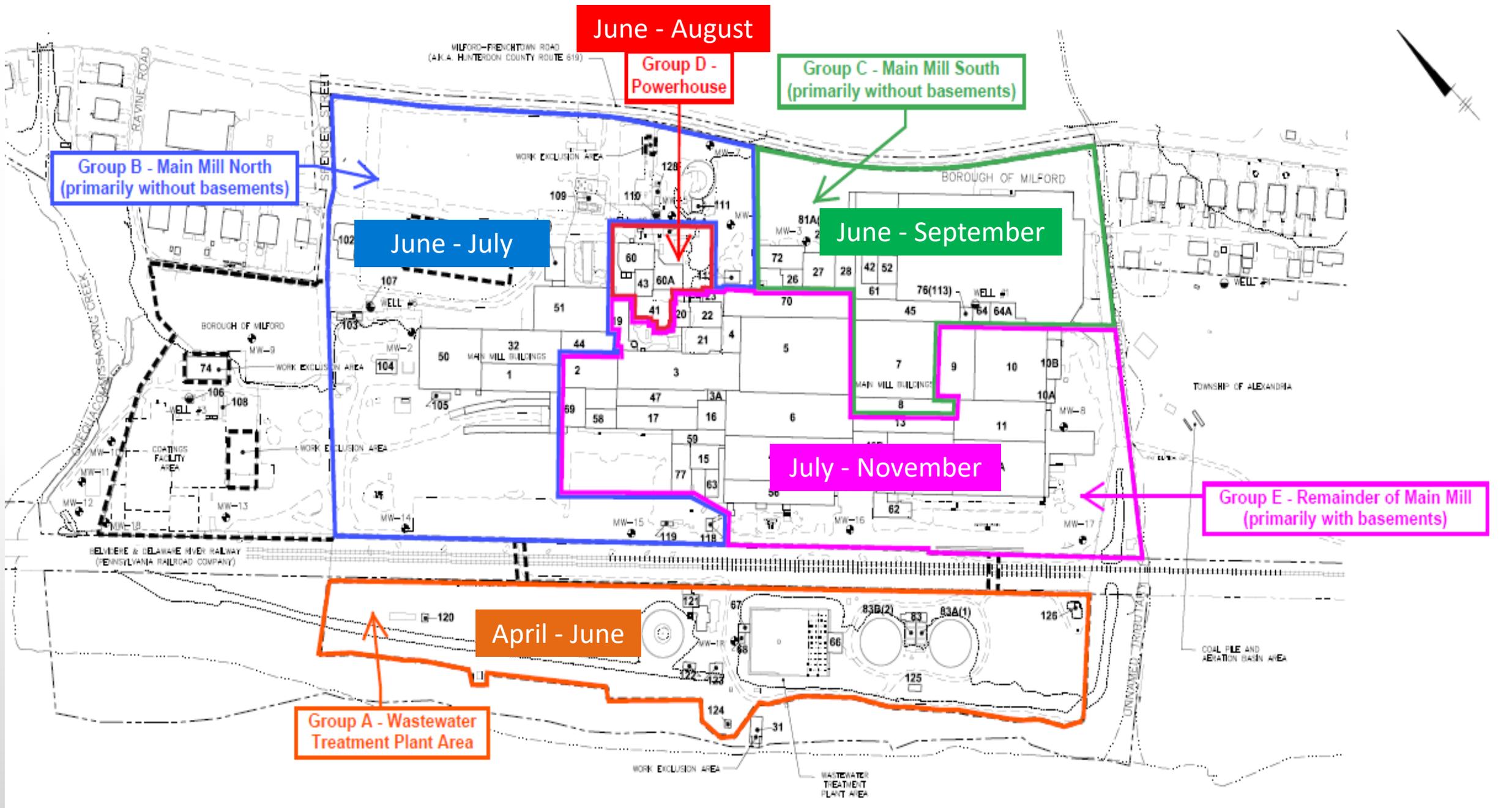
Mobilization of dust suppression equipment



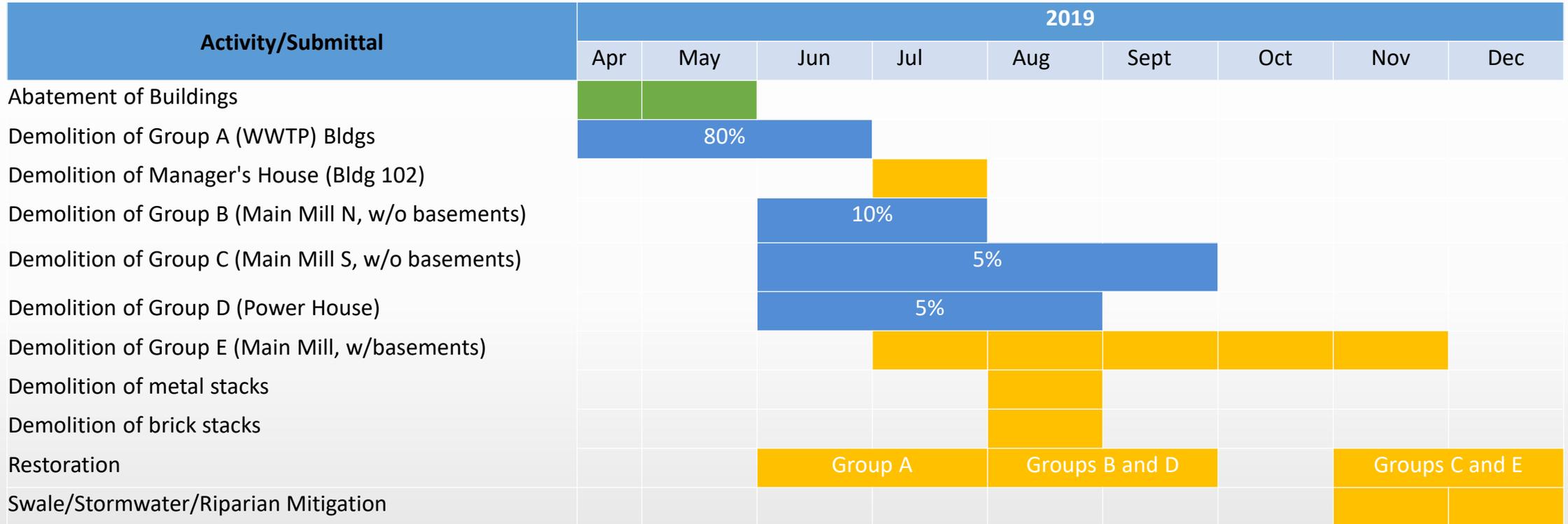
Demolition of Building 126 with dust suppression from behind building

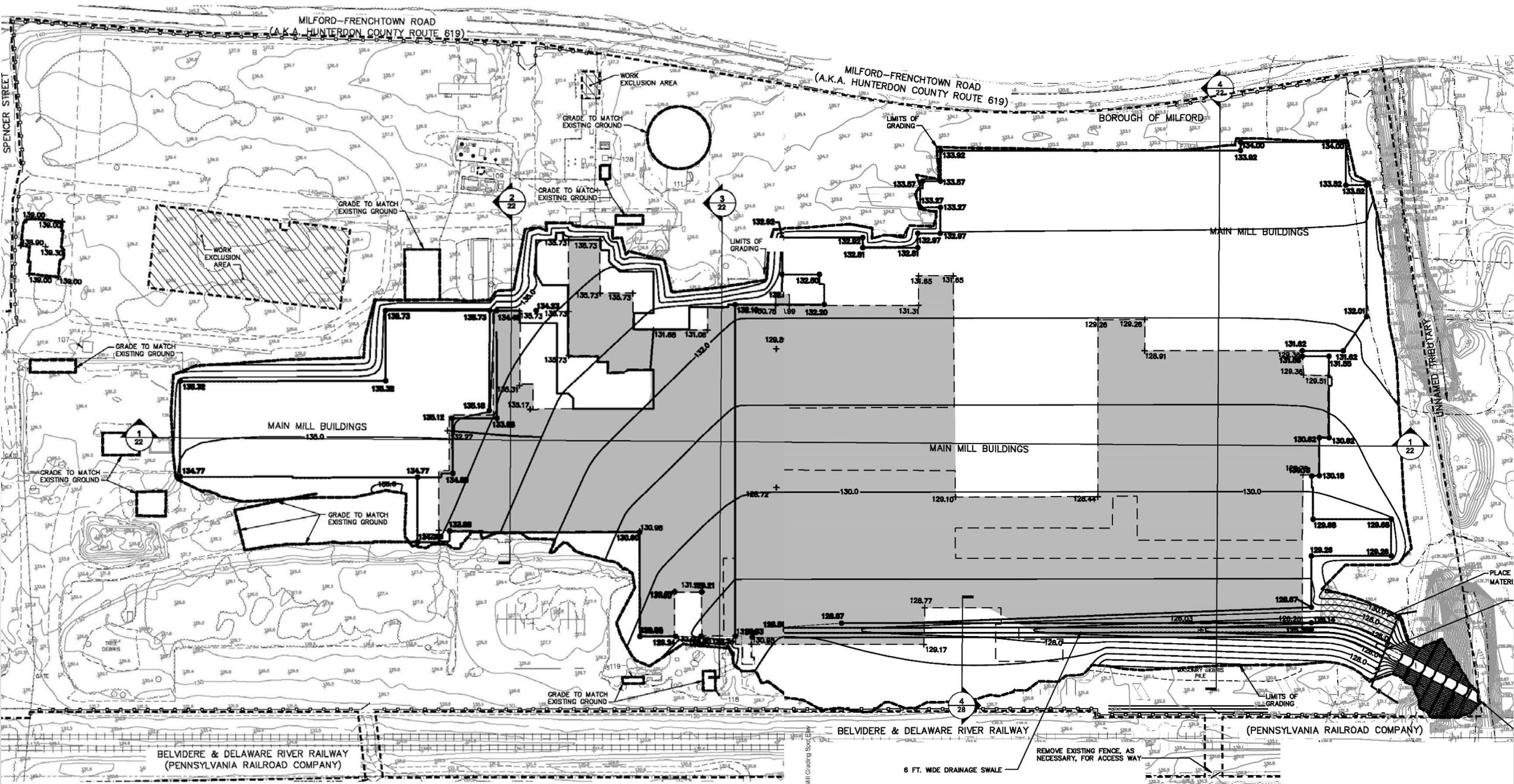


Water truck being used to provide dust suppression



SCHEDULE





MMA Grading Plan



QUESTIONS