

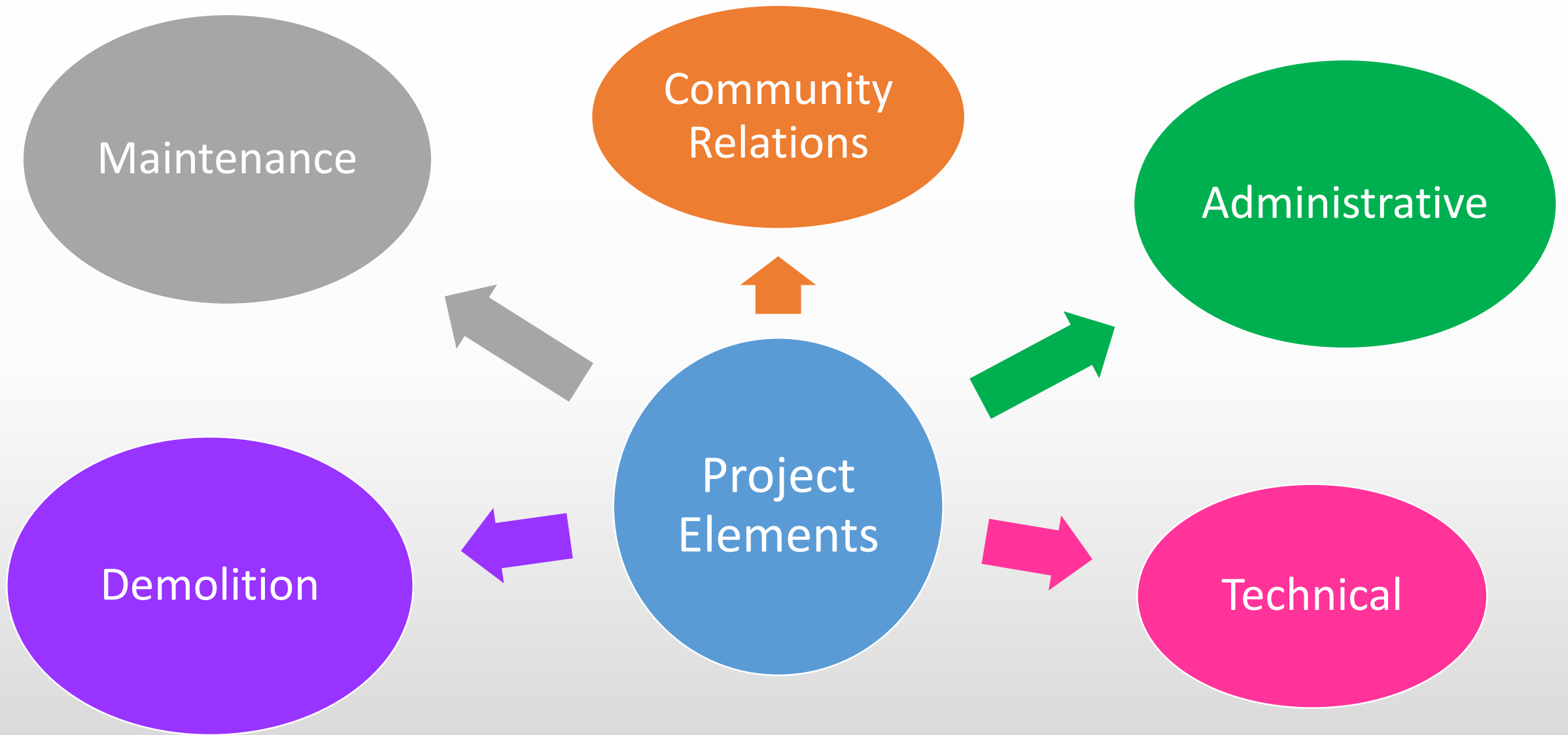
# Curtis Specialty Papers Site Milford, New Jersey

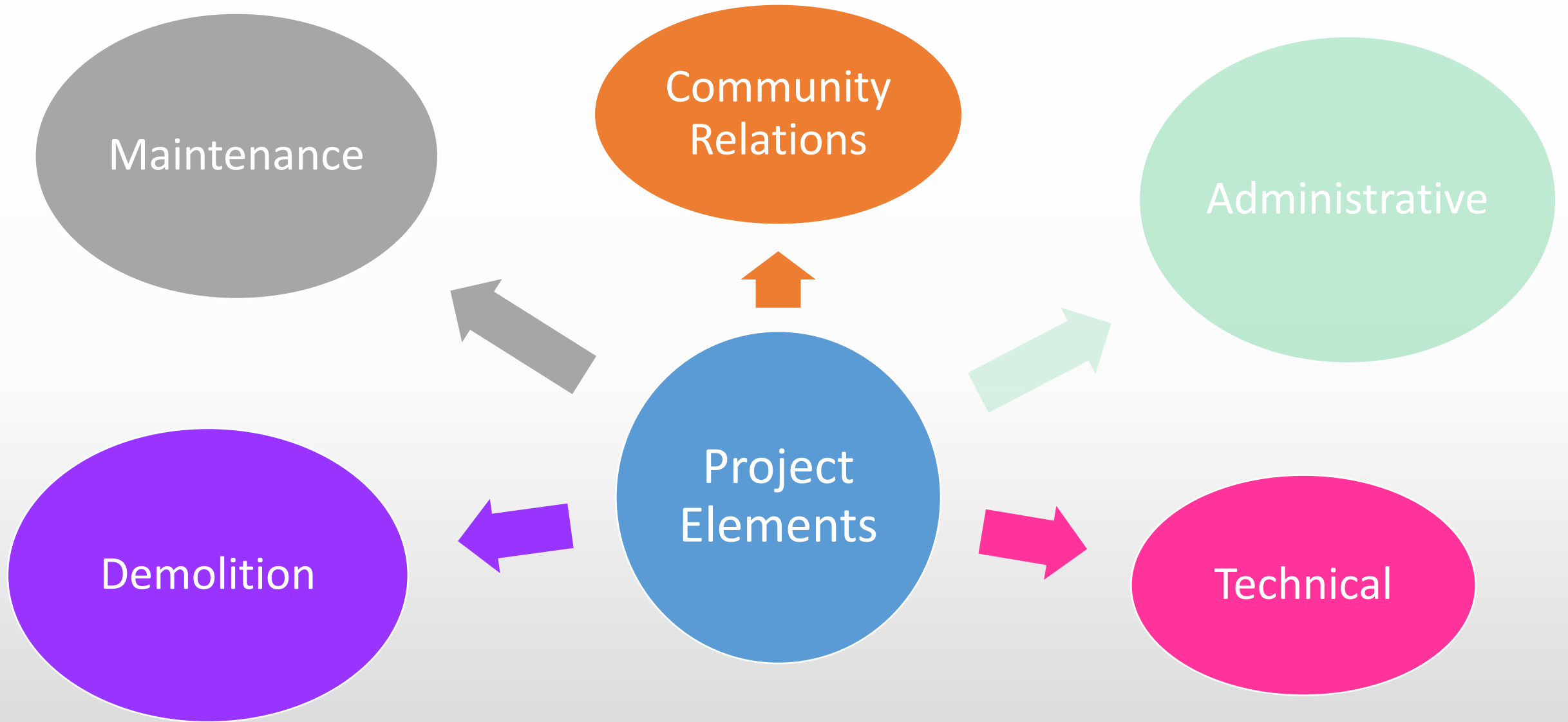


**REMEDIATION AND DEMOLITION STATUS UPDATE**

Community Advisory Group Meeting

June 17, 2019







Maintenance



Fence Repair After Storm



# Fence Repair After Storm

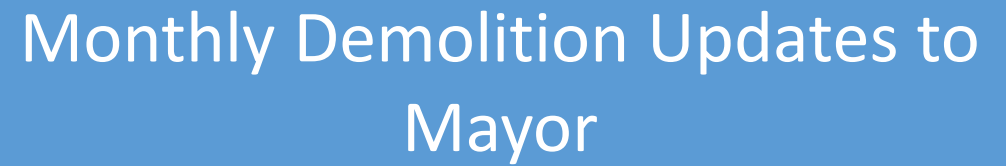




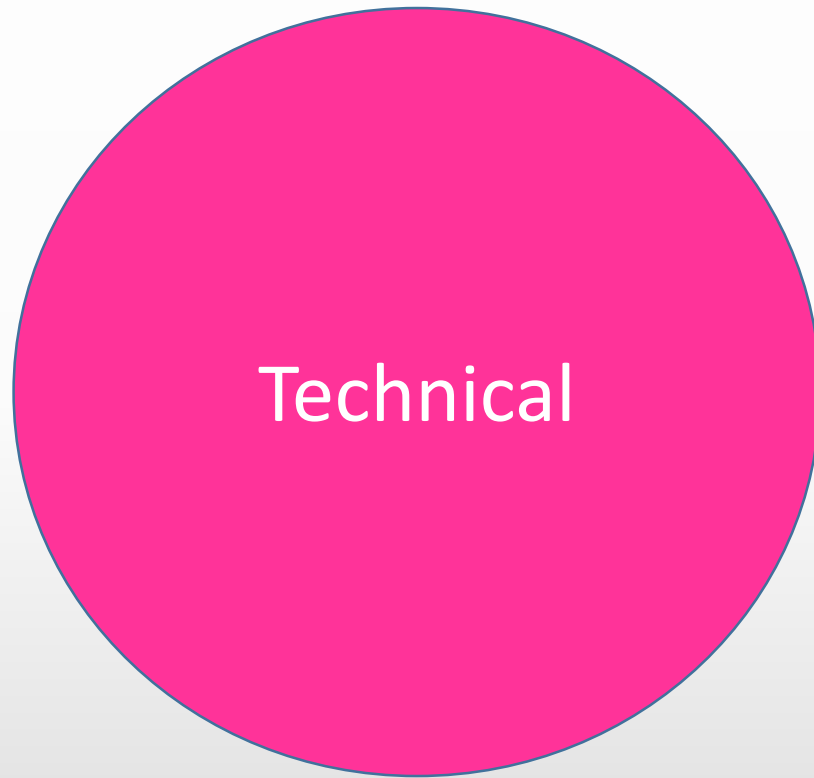
Community  
Relations



CAG Meetings



Monthly Demolition Updates to  
Mayor



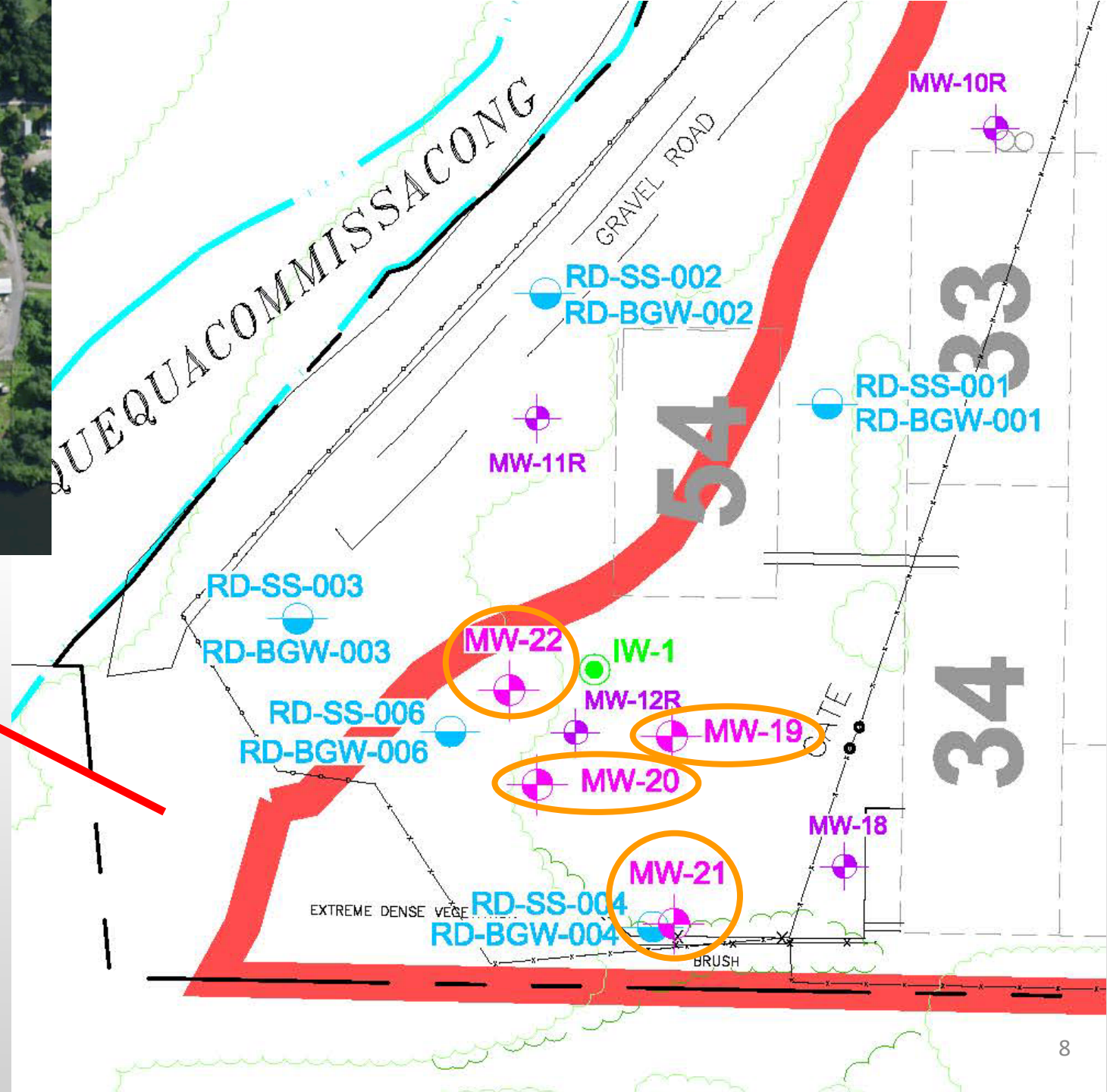
Pilot Injection Test/Treatability  
Study Field Work

Deliverables/Reporting

Final Remedy  
Design/Construction

Supplemental Groundwater  
Sampling





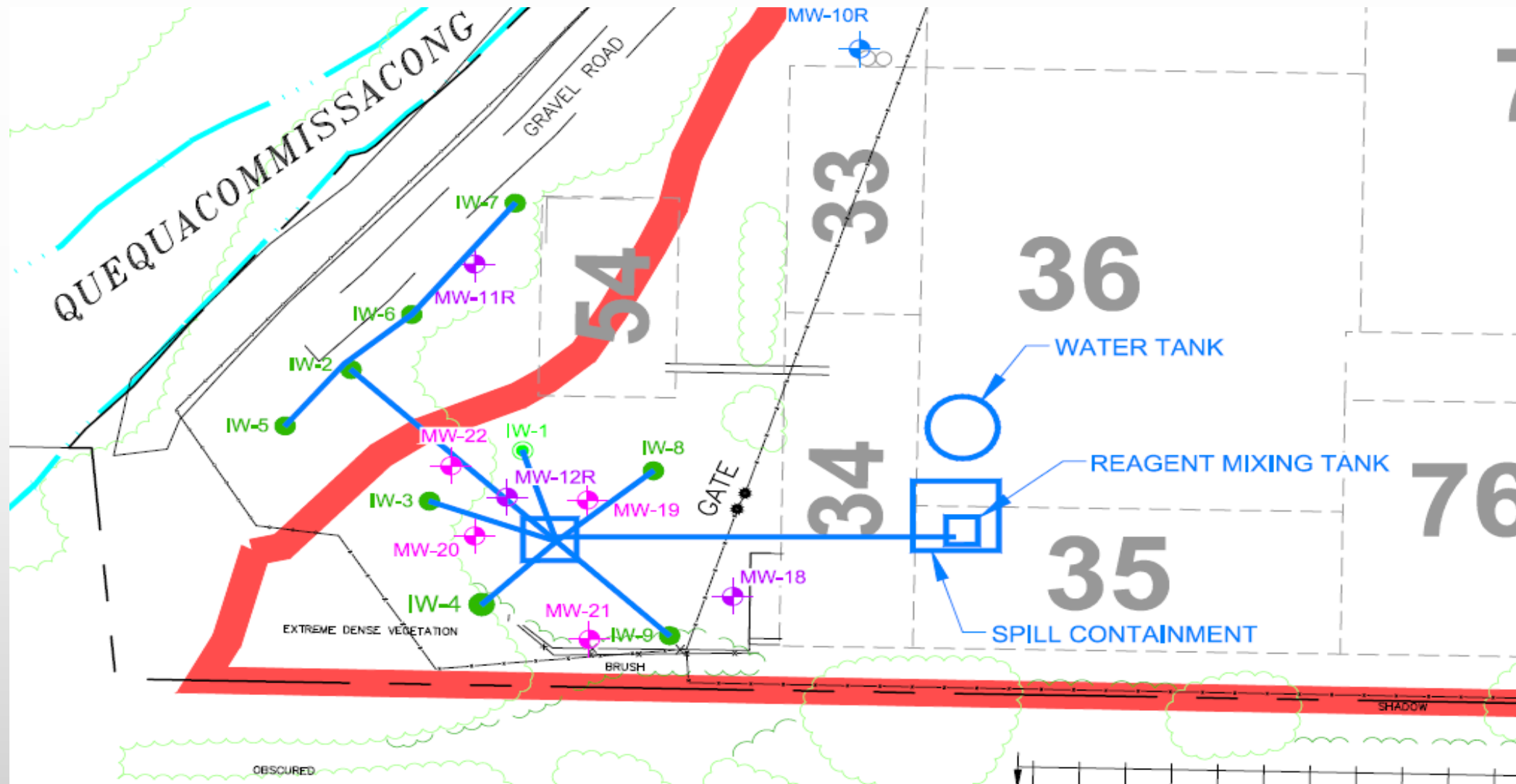
MONITORING WELL  
AND INJECTION  
WELL LOCATIONS

# 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												
Document Submittals	RDWP							TSER	30%	95%	100%	
Agency Reviews/Comments								TSER	30%	95%	100%	
Permit/Equivalency Submittals												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



Demolition

Beneficial Use and Reuse

Permit Equivalency

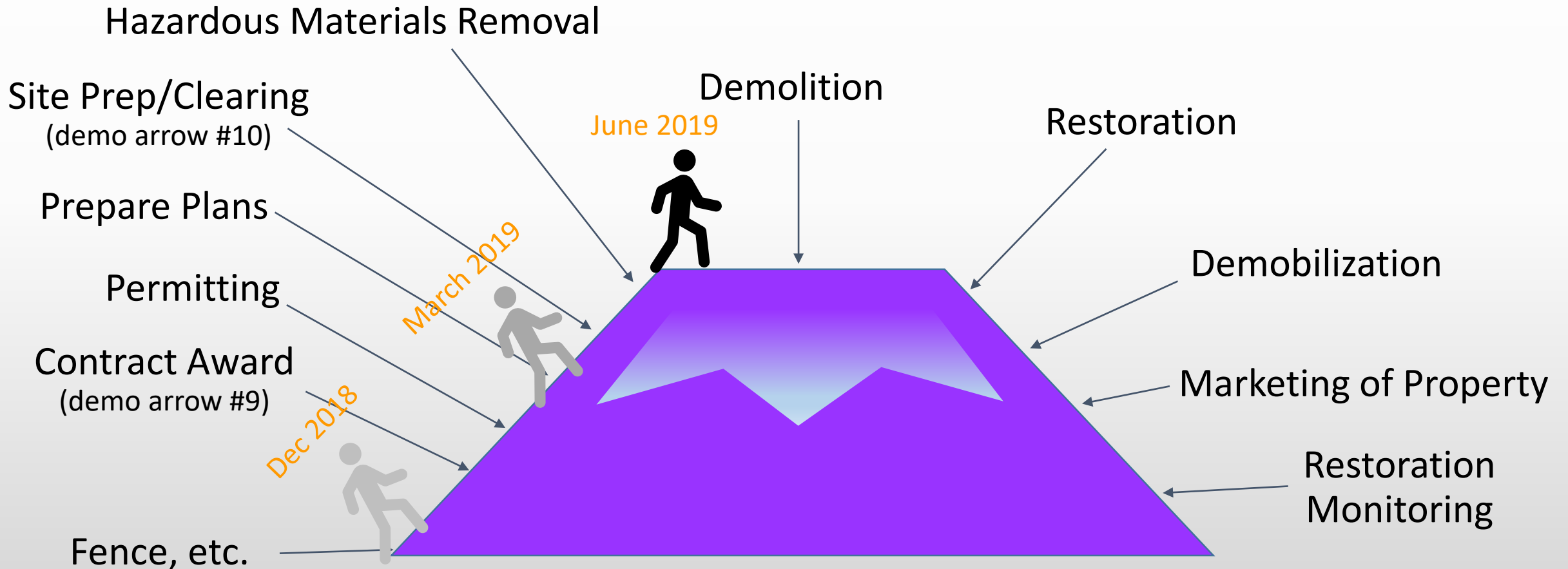
Building Demolition



# 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

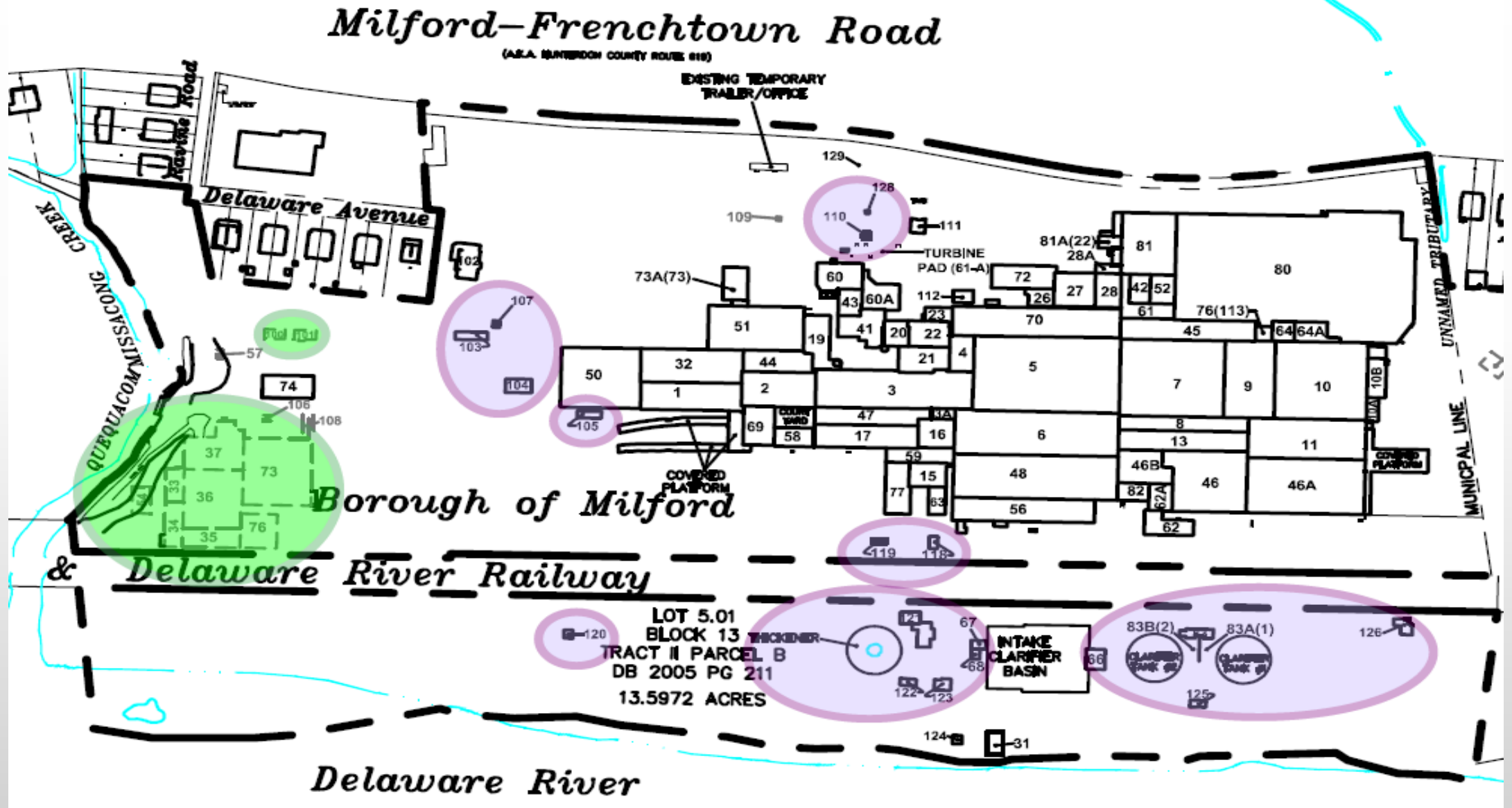
**NO PERIMETER DETECTIONS OF ASBESTOS FIBERS**



# DEMOLITION - SCRAP METAL RETRIEVAL



# DEMOLITION – BUILDINGS COMPLETED





# 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



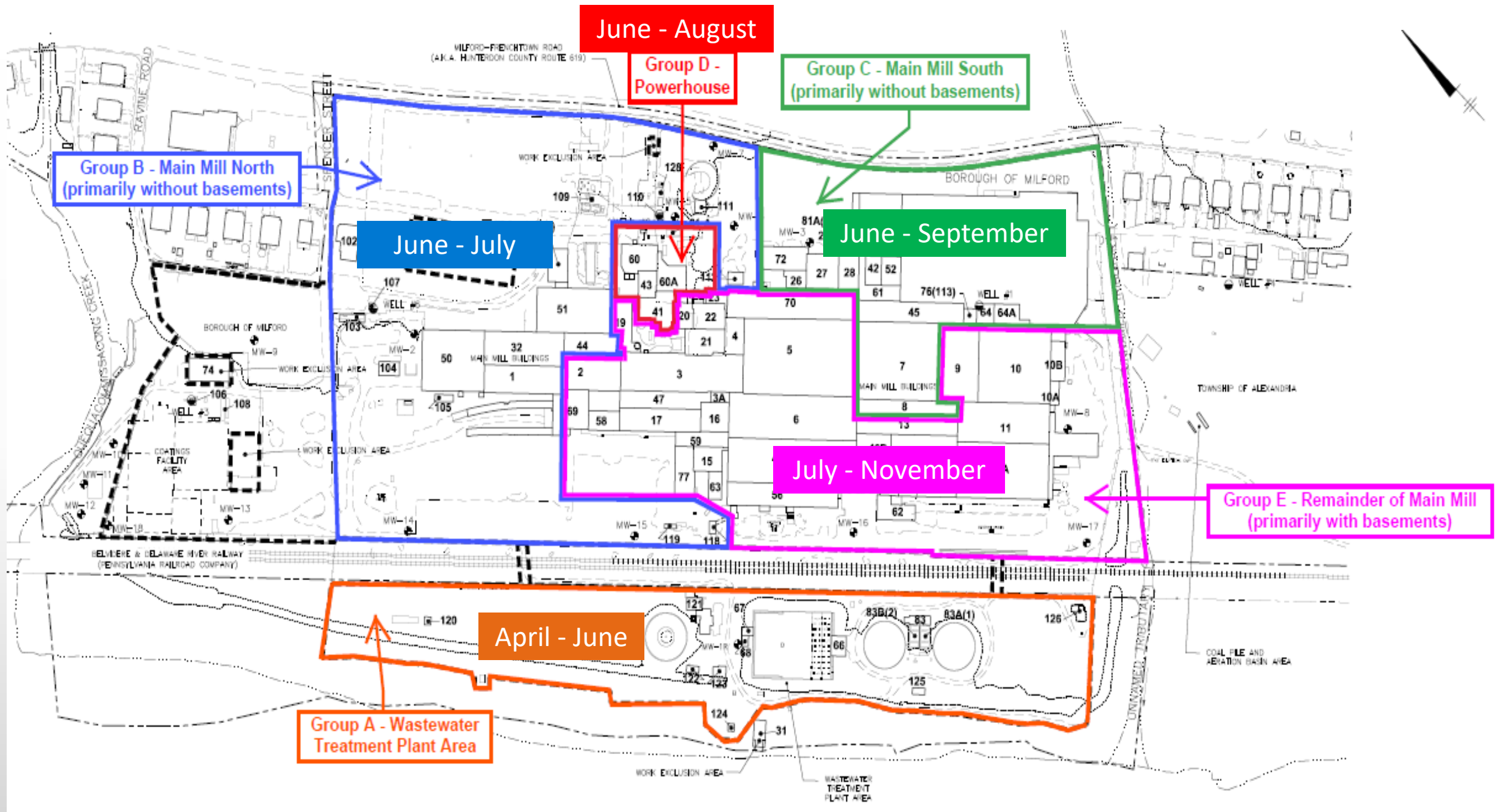
Mobilization of dust suppression equipment



Demolition of Building 126 with dust suppression from behind building



Water truck being used to provide dust suppression

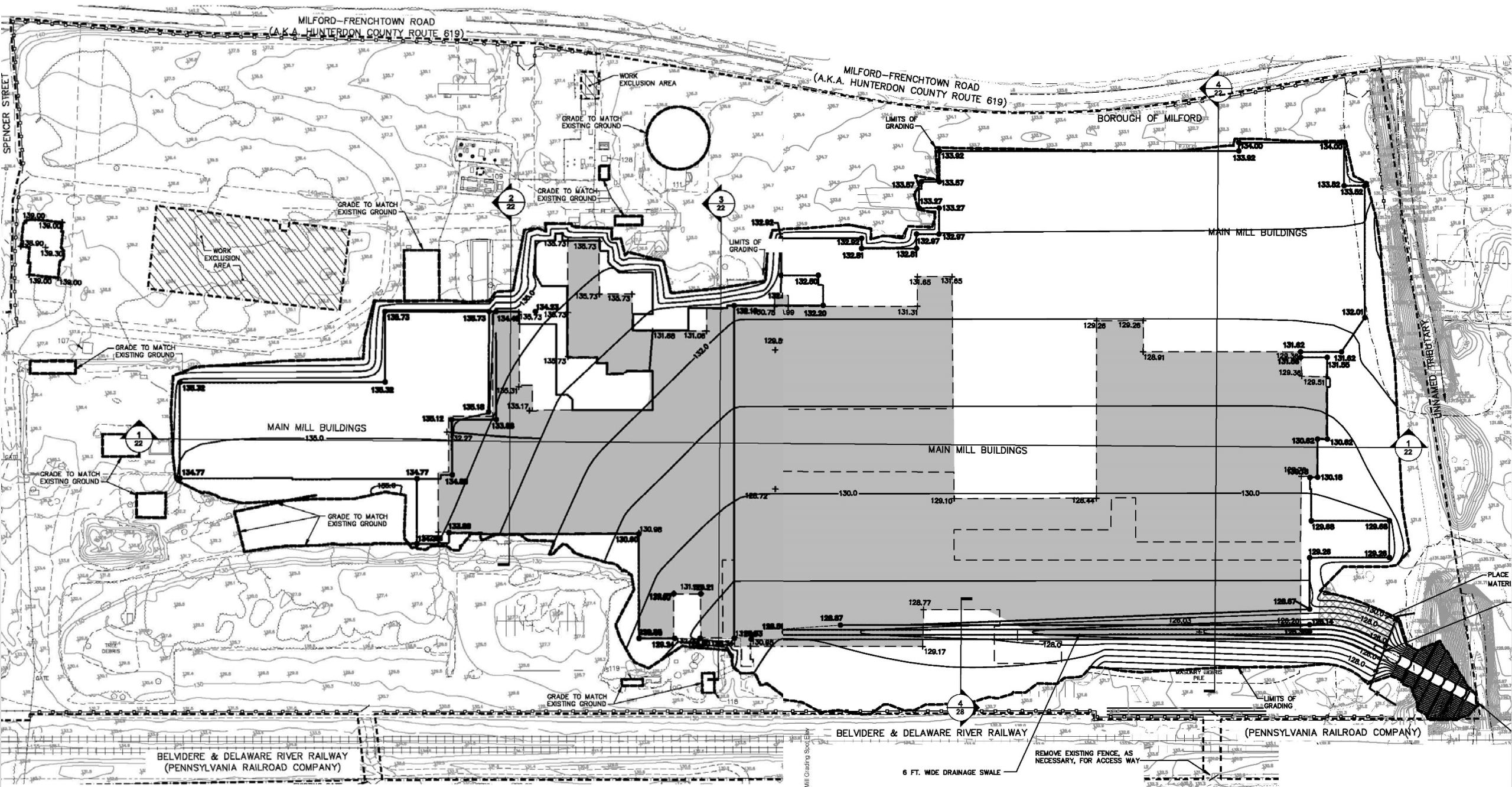


# SCHEDULE

Activity/Submittal	2019								
	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Abatement of Buildings									
Demolition of Group A (WWTP) Bldgs									
Demolition of Manager's House (Bldg 102)									
Demolition of Group B (Main Mill N, w/o basements)									
Demolition of Group C (Main Mill S, w/o basements)									
Demolition of Group D (Power House)									
Demolition of Group E (Main Mill, w/basements)									
Demolition of metal stacks									
Demolition of brick stacks									
Restoration									
Swale/Stormwater/Riparian Mitigation									

COMPLETED
PERCENT COMPLETE
FUTURE WORK





MMA Grading Plan





QUESTIONS