

Curtis Specialty Papers Site

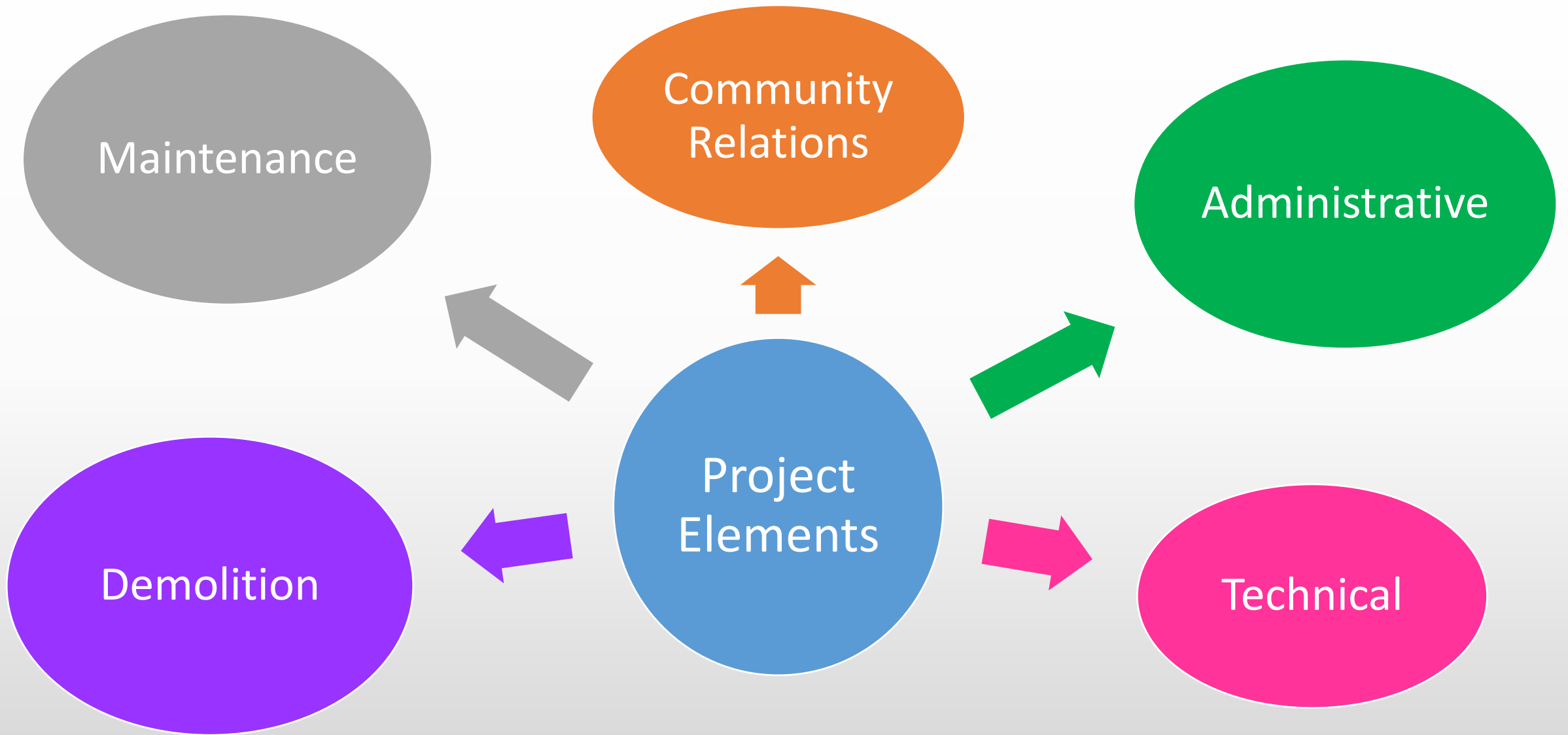
Milford, New Jersey

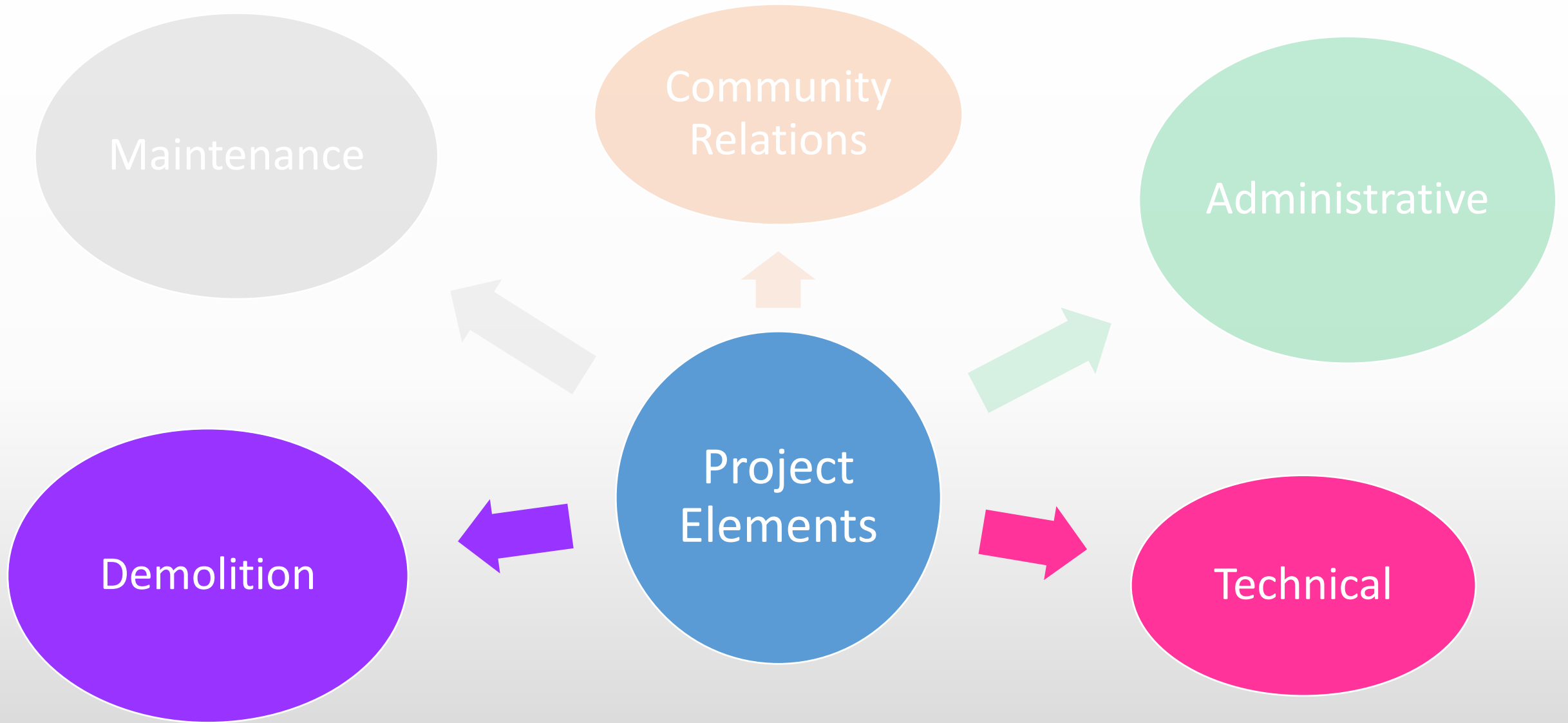


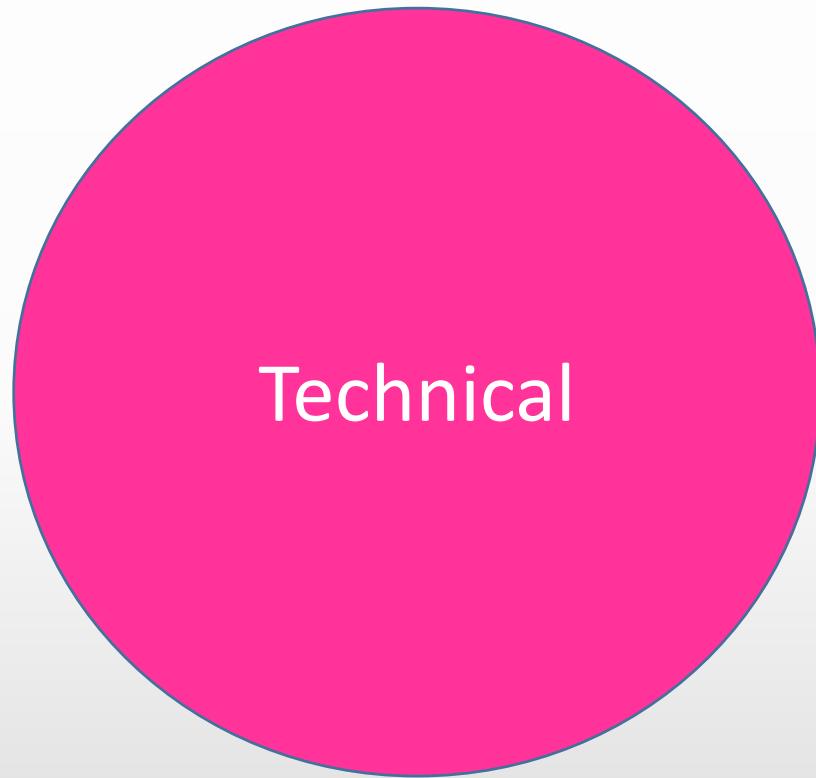
REMEDIATION AND DEMOLITION STATUS UPDATE

Community Advisory Group Meeting

March 25, 2019





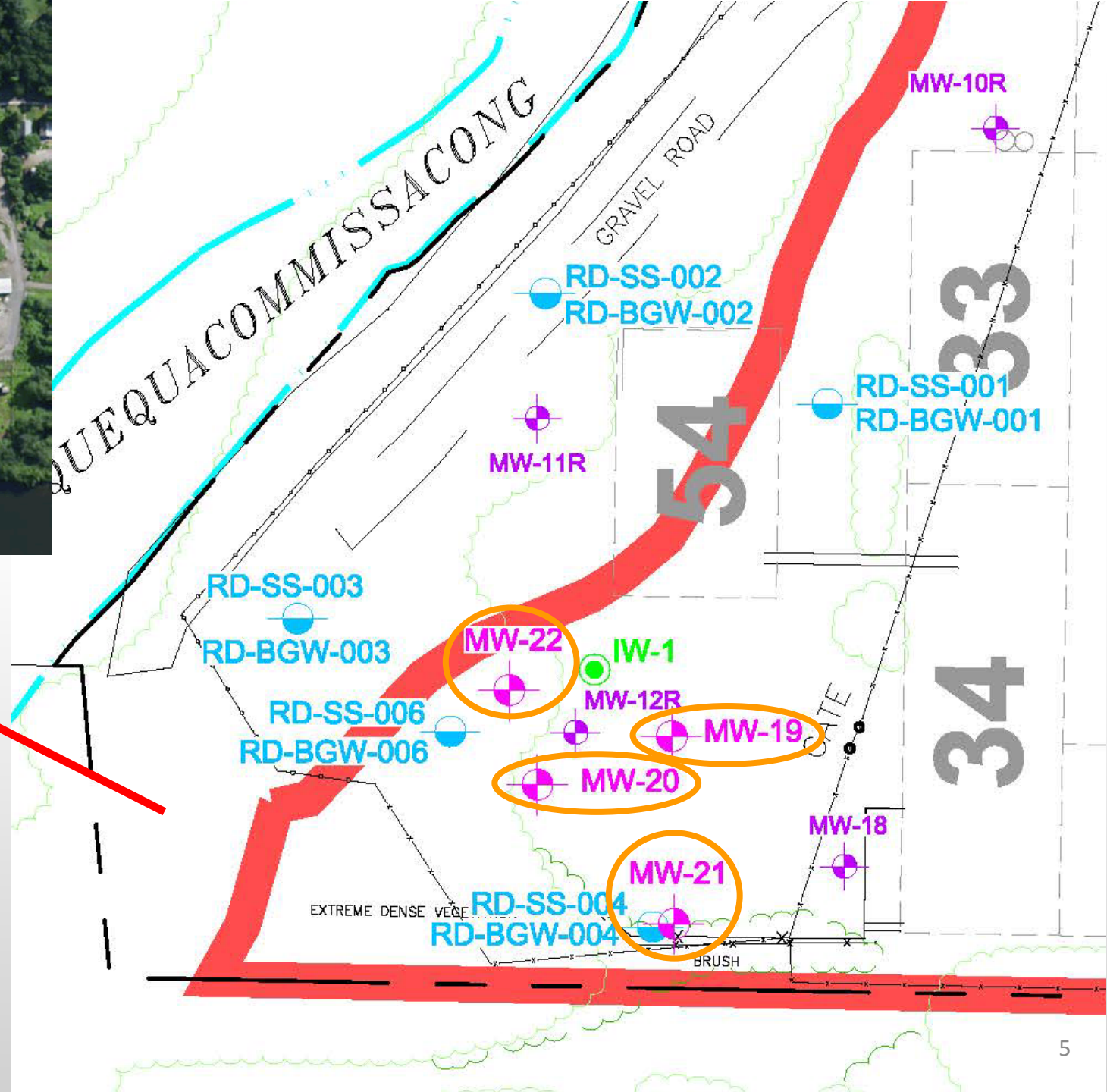


Pilot Injection Test

Treatability Study Field Work

Deliverables/Reporting

Final Remedy
Design/Construction



MONITORING WELL
AND INJECTION
WELL LOCATIONS

RD-TS FIELD ACTIVITIES

- Remedial Design
 - Install 6 borings
 - Collect a soil and a groundwater grab sample from each of the boring locations
 - Install 3 additional groundwater monitoring wells (actually installed 4)
 - Measure water levels
- Treatability Study
 - Install 1 injection well
 - Sample groundwater from newly installed and existing CFA monitoring wells
 - Implement a single pilot test injection
 - Monitor effects in groundwater for 3 additional quarterly monitoring events



TREATABILITY STUDY FIELD WORK

- Post-injection hydraulic monitoring
 - May 2018 (Completed)
- Groundwater monitoring – three quarterly sampling events
 - June 2018 (Completed)
 - September 2018 (Completed)
 - December 2018 (Completed)



TREATABILITY STUDY EVALUATION REPORT



- March 8, 2019 – submitted to USEPA
- Summarizes results of remedial design and treatability study activities
- Concluded that the proposed groundwater remedy (ABOx) can be successful on a full-scale basis
- March 19, 2019 – approved by USEPA
 - Triggers submittal of the 30% Remedial Design to USEPA within 30 days

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%	95%	100%
Agency Reviews/Comments		RDWP						TSER		30%	95%	100%
Permit/Equivalency Submittals		RD/TS										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

GROUNDWATER – NEXT STEPS

- Submit 30% Remedial Design to USEPA by April 18, 2019
- Submit 95% Remedial Design to USEPA within 45 days of USEPA approval of 30% Design
- Submit 100% Remedial Design to USEPA within 30 days of USEPA comments on 95% Design (if any)

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



GROUNDWATER NEXT STEPS



Demolition

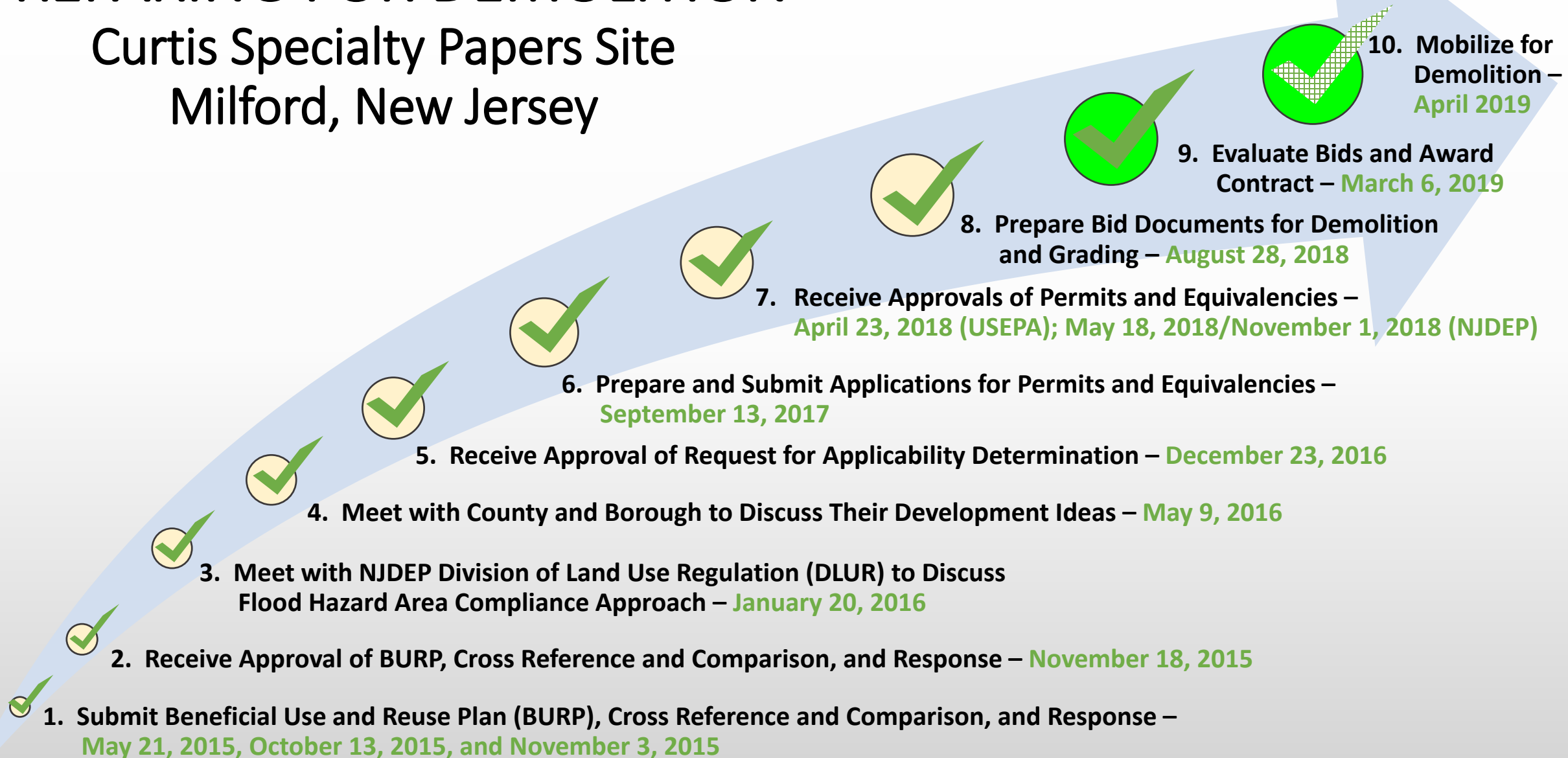
Permit Equivalency

Building Demolition

Beneficial Use and Reuse
Implementation

PREPARING FOR DEMOLITION

Curtis Specialty Papers Site Milford, New Jersey



DEMOLITION ACTIVITIES COMPLETED SINCE DECEMBER

- Monitoring well abandonment
 - MW-1R, MW-3, MW-8R, MW-16, and MW-17 abandoned
 - March 1, 2019 letter documenting abandonment and sampling



DEMOLITION ACTIVITIES COMPLETED SINCE DECEMBER cont.

- Loose paint chips removed, disposed off-site
 - Collected 2 roll-offs in November 2018 through January 2019
 - Received approval on February 14, 2019 to send off site
 - Transported non-hazardous waste off-site on March 6, 2019



DEMOLITION PERMIT EQUIVALENCY

- February 28, 2019 – IP/GP notification to USEPA that less area will be disturbed (and mitigated) than originally proposed
- March 7, 2019 – USEPA approval of demolition updates



DEMOLITION CONTRACTOR

- Selected Bidder – Envirocon
- March 6, 2019 – Contract signed between IP/GP and Envirocon
- Envirocon:
 - National demolition and remediation contractor
 - Experience performing similar projects with IP and GP
 - Industry-leading safety metrics
 - Technical insight and capability
 - Culture of sustainability



DEMOLITION NEXT STEPS

- Demolition on-site kick-off meeting (late March 2019)
- Obtain local demolition and soil erosion control permits (submit by end of March 2019)
- Finalize demolition implementation plans (health and safety plan, traffic, waste management, asbestos abatement plan, etc.)
- Mobilize/prepare site/clear and grub (April 2019)



DEMOLITION NEXT STEPS cont.

- Mobilize equipment
- Stage site trailer and temporary facilities
- Prepare site (clearing/grubbing, soil erosion controls)
- Conduct baseline monitoring
- Install temporary on-site haul roads
- Commence asbestos abatement activities



DEMOLITION

Safety and Monitoring

- Site security and fencing
- Traffic control
- Soil erosion and sediment control
- Dust suppression
- Air monitoring
- Equipment decontamination
- Work schedule
- Health and safety plan



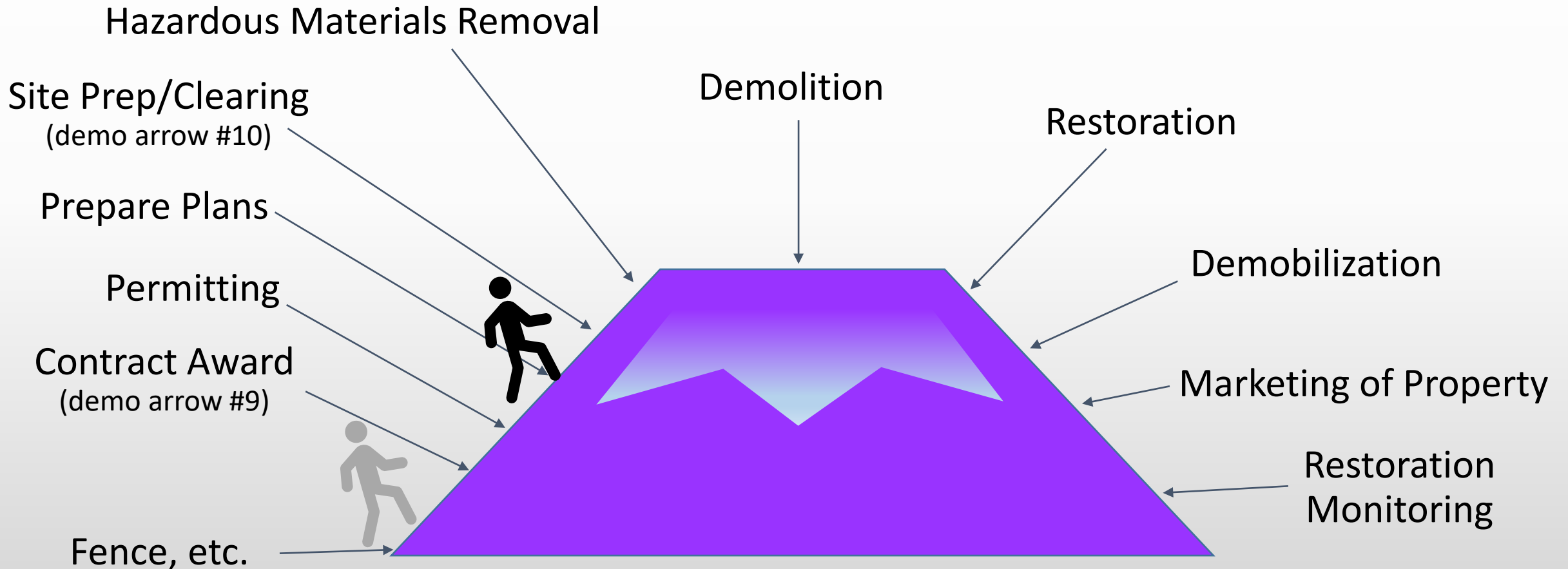
DEMOLITION

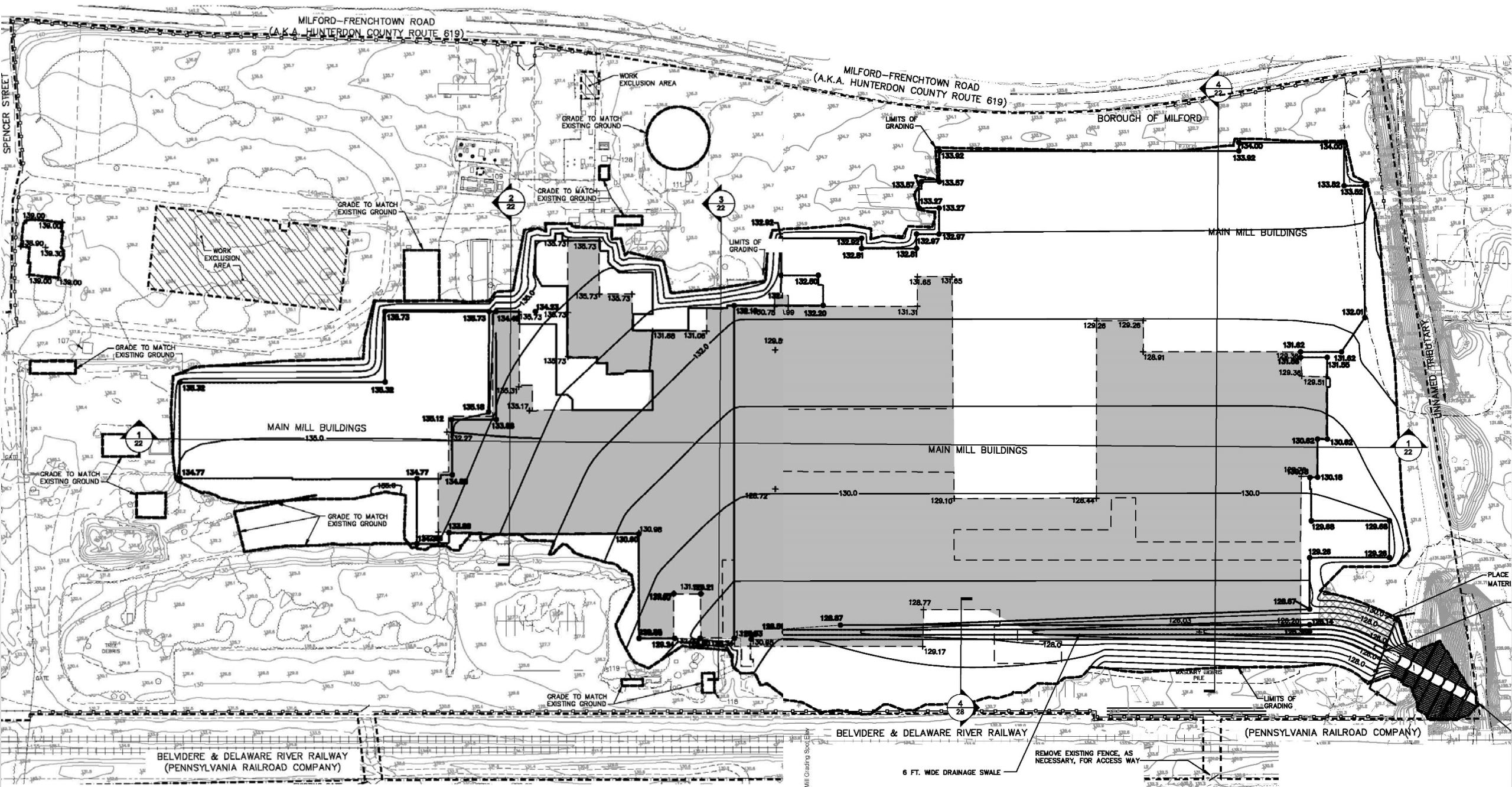
Communications

- Kick-off meeting with Milford emergency coordinator
- Ongoing quarterly CAG meetings
- Monthly updates to Mayor
- Designated on-site representative
- Contacts
 - Gary Wroblewski
 - Mike Thibodeau



DEMOLITION PROGRESS





MMA Grading Plan



QUESTIONS