

Revised 6-10-11 Attachment 2
Former ASARCO-Encycle Facility Demolition
Schedule of Demolition Activities

Structure	Sequence of Tasks	Planned Schedule 2011	
		Start Date	Completion Date
Building 1 - Facility 1	Install temporary plywood decking on second floor, excluding the northern second level catwalk which is structurally unsound (Jaster-Quintanilla, 2011)	April	April
	Remove hazardous waste liquids from tanks listed on NOR that have not been closed, per the approved closure plan (ARCADIS, 1999).	May	June
	Provide access to tanks as needed to remove sludges and solids, and decontaminate tanks per the approved closure plan (ARCADIS, 1999).	May	May
	Clean Silos A, B, and C	May	June
	Conduct ACM abatement of regulated and non-friable material, excluding the northern second level catwalk which is structurally unsound (Jaster-Quintanilla, 2011)	May	June
	Remove friable ACM from structurally unsound areas above northern second level catwalk during demolition. Move friable ACM to a structurally sound (safe) area for abatement.	June	July
	Demolish Facility 1.	July	July
Building 2 - Facility 2	Remove hazardous waste liquids from tanks listed on NOR that are outside the building footprint and have not been closed, per the approved closure plan (ARCADIS, 1999).	June	June
	Provide access to tanks outside the building as needed to remove sludges and solids, and decontaminate tanks, per the approved closure plan (ARCADIS, 1999).	June	June
	Clean Silos D, E, F, and G	June	June
	This entire building is structurally unsound (Jaster-Quintanilla, 2011). Remove friable ACM from the building during demolition. Move friable ACM to a structurally sound (safe) area for abatement.	July	July
	Entire building is structurally unsound (Jaster-Quintanilla, 2011). Remove the four old ASARCO tanks on the second floor during demolition. Place in lined roll-off box or similar lined containment. Transport entire tanks and contents to licensed hazardous waste landfill.	July	July
	Entire building is structurally unsound (Jaster-Quintanilla, 2011). Remove wood from the closed old ASARCO tanks in the eastern half of the building during demolition. Transport wooden tank material to licensed hazardous waste landfill.	August	August
	Demolish Facility 2.	September	September
Building 3 - Facility 3	Remove residual hazardous waste from ground level floor from eastern half of building. The floor in the western half of the building has already been decontaminated during final facility closure activities (ARCADIS, 2004).	September	September
	Remove friable ACM from building.	September	October
	Clean Silos H and I	October	October
Building 4 - Facility 4	Demolish Facility 3.	November	November
	Remove friable ACM from building.	October	October
	Clean Silos J and K	October	October
Building 5 - East Product Storage	Demolish Facility 4.	November	November
	Demolish Building	April	April
Building 6 - Product Storage	Demolish Building	April	April
	Demolish Building	April	April
Building 7 - Old Casting Building	Remove friable ACM from building.	April	April
	Remove hazardous waste that may be present in process equipment and vessels	April	April
	Demolish Building	April	April
Building 8 - Former Hazardous Waste Storage Building	Remove hazardous waste that may be present.	April	April
	Demolish Building	April	April

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Building 9 - Sanitary Wastewater Bldg	Install temporary wood decking second floor and commence friable ACM Abatement.	April	April
	Demolish structure after completing friable asbestos abatement	April	April
Building 10 - Numbered Bins Building	Remove hazardous waste that may be present.	April	April
	Demolish Building	April	April
Building 11 - Wastewater Treatment Building	Decontaminate drum filter 80591 in accordance with approved closure plan (ARCADIS, 1999).	May	May
	Remove hazardous waste that may be present.	May	May
	Demolish Building	May	May
Building 12 - Brick Building	Demolish Building	May	May
Building 13 - Yard Offices	Remove friable ACM from building.	June	June
	Demolish Building	June	June
Building 15 - Plant Engineering	Demolish Building	April	April
Building 16 - East Cell House	Remove hazardous waste residue/debris on floor on east side of building which is structurally sound (Jaster-Quintanilla, 2011).	April	April
	Remove friable ACM east side of building which is structurally sound (Jaster-Quintanilla, 2011)	April	April
	Remove friable ACM from structurally unsound areas in west side of building during demolition. Move friable ACM to a structurally sound (safe) area for abatement.	May	May
	Demolish East Cell House.	June	July
	During demolition, remove hazardous waste residue/debris on floor on west side of building which is structurally unsound (Jaster-Quintanilla, 2011).	July	July
Building 18 - Brick Building	Demolish Building	May	May
Building 19 - Brick Building	Demolish Building	April	April
Building 20 - Brick Building	Demolish Building	May	May
Building 21 - Oil House	Remove waste oil containers from building	May	May
	Demolish Building	May	May
Building 22 - Metal Building	Demolish Building	April	April
Building 23 - Metal Building	Demolish Building	April	April
Building 24- West Baghouse	Remove friable ACM.	May	May
	Remove residual hazardous waste from ground level floor.	May	May
	Demolish Building	May	May
Building 25 - Powerhouse	Remove friable ACM from building.	June	June
	Remove hazardous waste that may be present in process equipment and vessels, including lab chemicals if present.	July	July
	Demolish Building	August	September
Building 26 - West Cell House	Remove hazardous waste from east side of building which is structurally sound (Jaster-Quintanilla, 2011)	July	August
	Remove friable ACM east side of building which is structurally sound (Jaster-Quintanilla, 2011)	July	August
	Remove friable ACM from structurally unsound areas in west side of building during demolition. Move friable ACM to a structurally sound (safe) area for abatement.	August	September
	Demolish West Cell House.	August	September
	During demolition, remove hazardous waste residue/debris on floor on west side of building which is structurally unsound (Jaster-Quintanilla, 2011).	September	September

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Building 27 - South Reagent Storage Building	Remove friable ACM from building.	May	May
	Remove residual hazardous waste if present.	May	May
	Demolish Building.	May	May
Building 28 - Reagent Storage Building	Remove friable ACM from building.	May	May
	Remove hazardous waste that may be present in process equipment and vessels	May	May
	Demolish Building	May	May
Building 29 - Brick Building	Demolish Building	June	June
Building 30 - Brick Building	Demolish Building	June	June
Building 31 - Spill Sorbent Storage Building	Remove hazardous waste that may be present.	April	April
	Demolish Building	April	April
Building 32 - Zinc Building	Install temporary wood decking second floor and commence friable ACM Abatement.	June	June
	Demolish structure after completing friable asbestos abatement	June	June
Building 33 - Lunch Room	Demolish Building	April	April
Building 34 - MCC L&M	Demolish Building	April	April
Building 35 - Scale House	Demolish Building	April	April
Building 36 - Reagent Storage	Remove hazardous waste that may be present.	June	June
	Demolish Building	June	June
Building 37 - MCC 29D	Demolish Building	April	April
Building 38 - Brick Building	Demolish Building	April	April
Building 39 - Sub-Station	Demolish Building	May	May
Building 40 - Sub-Station	Demolish Building	May	May
Building 41 - Lab	Remove lab chemicals if present.	May	May
	Demolish Building	May	May
Building 42 - Metal Building	Not to be demolished	May	May
Building 43 - Brick Building	Demolish Building	May	May
Building 44 - Brick Building	Demolish Building	May	May
Building 45 - Brick Building	Demolish Building	May	May
Smokestack	Disconnect Aviation Lights	April	April
	Remove hazardous waste from smoke stack ground level.	June	June
	Remove hazardous waste from brick building adjacent to smoke stack.	June	June
	Receive mast climber	July	July
	Set up mast climber	July	July
	ACM Abatement - 0-50 feet	25-Jul-11	30-Jul-11
	ACM Abatement - 50 -100 feet	1-Aug-11	6-Aug-11
	ACM Abatement - 100 -150 feet	8-Aug-11	13-Aug-11
	ACM Abatement - 150 -200 feet	15-Aug-11	20-Aug-11
	ACM Abatement - 200 -250 feet	22-Aug-11	27-Aug-11
ACM Abatement - 250 -300 feet	29-Aug-11	2-Sep-11	
ACM Abatement - 300 -315 feet	5-Sep-11	16-Sep-11	

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Smokestack	Prepare stack for demolition in accordance with structural assessment report (Jaster-Quintanilla, 2011).	19-Sep-11	20-Sep-11
	Stack Demolition - 315 - 265 feet	21-Sep-11	26-Sep-11
	Stack Demolition - 265 - 215 feet	3-Oct-11	7-Oct-11
	Stack Demoliton - 215 - 165 feet	10-Oct-11	14-Oct-11
	Stack Demolition - 165 - 115 feet	17-Oct-11	22-Oct
	Stack Demolition - 115 - 65 feet	24-Oct-11	29-Oct-11
	Stack Demolition - 65 -15 feet	31-Oct-11	4-Nov-11
	Stack Demolition 15 - 0 feet	7-Nov-11	12-Nov-11

Notes:

- (1) Non-friable ACM may be removed during demolition in accordance with the procedures specified in the approved Asbestos Abatement Plan.
- (2) Exact start and completion dates are contingent upon weather, equipment availability, and personnel schedules.

References:

Jaster-Quintanilla & Associates, "Structural Integrity Assessment, Former Encycle/Texas Inc./ASARCO Facility (Encycle), 5500 Up River Road, Corpus Christi, Nueces County, Texas ", March 15, 2011.

ARCADIS, "Final Facility Closure and Post-Closure Plan for Non-Permitted Units, Encycle/Texas, Inc., Corpus Christi, Texas ", November 1999.

ARCADIS, "Final Closure Certification Report - Facility No. 2 Non-Permitted Units, Encycle/Texas, Inc., Corpus Christi, Texas ", November 9, 2004.