

TDL No.	SHT	DWG	Edits
	1	Cover	<ul style="list-style-type: none"> • Labeled Industrial Discharge and Industrial Wastewater Treatment in the Site Location Map referencing Sheet 3 for specific locations • Added Sheet 4B Handling Plan to the Drawing List
7-11	2	S1	<p><u>PLAN VIEW</u></p> <ul style="list-style-type: none"> • USDA Soil Series Labels Removed • Geologic Cross-Section Labels "A" and "F" Removed • Treeline Removed • Fence Line Removed • North and South High Wall Relocated and Relabeled • Old Survey Bench Marks Removed • Area of Former Strip Mine Shown • Wetlands Updated w/ One Common Symbol <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Borehole Location Revised to "Kauffman Mine Borehole Location (See Note 13) • Corehole Location Revised to "Kauffman Mine Corehole Location (See Note 13) • Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" • SB Designation Removed • Area of Former Strip Mine Revised to "Area of Former Strip Mine Disturbance" • USDA Soil Series Removed • Wetland Symbol Revised to Match Plan Sheet • Second Wetland Symbol Deleted • Existing Access Roads added • Previously Delineated Wetland (See Reference 5) Revised to "Delineated Wetland (See Reference 5)" <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Reference Notes 5 and 6 have been Replaced with One Reference Note Designated as Reference 5
12-15	3	S2	<p><u>MAP KEY (MOVED TO UPPER LEFT CORNER)</u></p> <ul style="list-style-type: none"> • Area S2 and S3 Boundary Revised to Reflect New High Wall <p><u>PLAN</u></p> <ul style="list-style-type: none"> • S1 STOCKPILE AREA (SEE NOTES 2 AND 3) Revised to "S1 STOCKPILE AREA" • CELL S2-1 AND CELL S2-2 Sequence Switched to Allow Acid Potential Material w/n Former CELL S2-1 to be disposed as waste • Leachate Storage Tank Area Revised to Show 3 Tanks • AMD Treatment and Wetland Mitigation Area Limits Revised with Unique Boundaries • Old Survey Bench Marks Removed • Wetlands Updated w/ One Common Symbol • Viewport was revised to show NPDES discharge point

TDL No.	SHT	DWG	Edits
			<ul style="list-style-type: none"> • Label for the NPDES Discharge Located in the Northwest • Label for Weather Station added with a Reference to Note 8 <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Proposed Contour (10' Interval) Added • Proposed Cell Boundary Added • "Facility Boundary" Revised to "Facility Boundary (Bonded Area)" • Borehole Location Revised to "Kauffman Mine Borehole Location" • Corehole Location Removed • Investigative Wells (April 2014 M&E) Removed • Proposed Groundwater Monitoring Well and Surface Water Monitoring Point added • Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" • SB Designation Removed • Coal Crop Removed • Geologic Fault Line (Approximate) Removed • Area of Former Strip Mine Removed • USDA Soil Series Removed • Wetland Symbol Revised to Match Plan Sheet • Second Wetland Symbol Deleted • Previously Delineated Wetland (See Reference 4) Revised to "Delineated Wetland (See Reference 4)" • AMD Treatment Area Added • Wetland Mitigation Area Added • Existing Access Path added <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Reference Notes 4 and 5 Replaced with One Note Designated as Note 4 • Note 8 Reference Weather Station Added
16-17	4	S3	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • Sheet renumbered to Sheet 4A DWG S3A • CELLS S2-1 AND CELLS S2-2 Sequence has been Switched • S3 Mine Spoil Removal has been Regraded and Updated • Initial Perimeter Access Road (First 10 Years) (See Note 5) Revised to "Initial Perimeter Access Road (See Note 5)" • Leachate Storage Tank Area Revised to Show 3 Tanks • Mine Spoil Removal Shown Around Leachate Tanks • Wetlands Updated w/ One Common Symbol • TABLE (Upper Right Corner) Revised for Cells S2-1 and S2-2 Revisions <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Borehole Location Revised to "Kauffman Mine Borehole Location" • Corehole Location Revised to "Kauffman Mine Corehole Location" • Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" • SB Designation Removed

TDL No.	SHT	DWG	Edits
			<ul style="list-style-type: none"> • Coal Crops Revised to "Lower Kittanning Crop" • Area of Former Coal Surface Mine (See Note 2) Revised to Area of Former (Coal) Surface Mine Disturbance (See Note 2) • Wetland Symbol Revised to Match Plan Sheet • Second Wetland Symbol Deleted • Previously Delineated Wetland (See Reference 4) Revised to "Delineated Wetland (See Reference 4)" <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Reference Notes 4 and 5 have been Replaced with One Reference Note Designated as Reference 4
	4B	3SB	<p><u>SHEET</u></p> <ul style="list-style-type: none"> • Sheet added to detail material handling plan
18	5A	S4A	<p><u>SHEET</u></p> <ul style="list-style-type: none"> • Subbase Grades Shown on Sheet and Sheet Renamed "TOP OF SUBBASE GRADING AND LEACHATE DETECTION PIPING PLAN PLAN" • CELLS S2-1 AND S2-2 Sequence has been Switched • Sumps S2-1A and S2-1B have been Individually Labeled • Sumps S3-4A, S3-4B and S3-4C have been Individually Labeled • Extra Line Between Cell S2-1 and S2-3 has been removed • Grades have been Revised to Show Subbase Grades • Leachate Storage Tank Area Revised to Show 3 Tanks • Wetlands Updated w/ One Common Symbol <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Borehole Location Revised to "Kauffman Mine Borehole Location" • Corehole Location Revised to "Kauffman Mine Corehole Location" • Wetland Symbol Revised to Match Plan Sheet • Jurisdictional Wetland Revised to "Delineated Wetland"
19	5B	S4B	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 AND S2-2 Sequence has been Switched • Sumps S2-1A and S2-1B have been Individually Labeled • Sumps S3-4A, S3-4B and S3-4C have been Individually Labeled • Extra Line Between Cell S2-1 and S2-3 has been Removed • Leachate Storage Tank Area Revised to Show 3 Tanks • Wetlands Updated w/ One Common Symbol <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Borehole Location Revised to "Kauffman Mine Borehole Location" • Corehole Location Revised to "Kauffman Mine Corehole Location" • Wetland Symbol Revised to Match Plan Sheet • Jurisdictional Wetland Revised to "Delineated Wetland"
20	5C	S4C	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 AND S2-2 Sequence has been Switched • Sumps S2-2(A) and S2-2B have been Renamed S2-1A and S2-1B • Sump S2-1 has been Renamed S2-2

TDL No.	SHT	DWG	Edits
			<ul style="list-style-type: none"> • Extra Line Between Cell S2-1 and S2-3 has been Removed • Symbol has been Added at Each Temporary Leachate Collection and Detection Pipe Termination • Wetlands Updated w/ One Common Symbol <u>LEGEND</u> • Landfill Phase Boundary has been Removed • Approximate Property Line Removed • Facility Boundary Removed • Facility Limit Coincident With Property Line Removed • Existing Overhead Power Removed • Existing Gas Line Removed • Right of Way Removed • Temporary Leachate Collection and Detection Pipe Termination has been Added • Borehole Location Revised to "Kauffman Mine Borehole Location" • Corehole Location Revised to "Kauffman Mine Corehole Location" • Macroinvertebrate Sampling Location Removed • Benchmark Removed • Surface Water Impoundment, Sediment Basin and Treatment Basin Removed • Wetland Symbol Revised to Match Plan Sheet • Jurisdictional Wetland Revised to "Delineated Wetland"
	5D	S4D	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 AND S2-2 Sequence has been Switched • Sump S2-1 has been Renamed S2-2 • Wetlands Updated w/ One Common Symbol <u>LEGEND</u> • Landfill Phase Boundary has been Removed • Approximate Property Line Removed • Facility Limit Coincident With Property Line Removed • Existing Overhead Power Removed • Borehole Location Revised to "Kauffman Mine Borehole Location" • Corehole Location Revised to "Kauffman Mine Corehole Location" • Macroinvertebrate Sampling Location Removed • Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" • SB Designation Removed • Treatment Basin Removed • Wetland Symbol Revised to Match Plan Sheet • Jurisdictional Wetland Revised to "Delineated Wetland"
21-26	6	S5	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 and S2-2 Sequence has been Switched and the Revised S2-1 Grading is Shown • Silt Fence and Channel 960 have been Extended to Provide Additional

TDL No.	SHT	DWG	Edits
			<p>Protection Around Stockpile S2</p> <ul style="list-style-type: none"> • Silt Fence Above Channel 170 has been Removed with the Extension of Silt Fence and Channel 960 • Temporary Stormwater Basin TB-S2-2S has been removed • Silt Fence and Channel 1050 have been Realigned Around Stockpile S1 • Mine Spoil Grading in S3-1 has been Revised Based on the Revised Mine Spoil Limits • TDD S3-2 has been Revised to Show One (1) Linetype • LK Crop has been Added and Silt Fence has been Moved Outside the LK Crop • Wetlands Updated w/ One Common Symbol • Temporary Highwall labeled • Silt fence revised to move closer to limits of disturbance • Contact Water Pump Stations added • Temporary Diversion Ditch into Sediment Basin 600 relocated • Channel 960 Into Sediment Basin 900 relocated <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Construction Sequence Notes and Mine Spoil Excavation Notes have been Revised <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Mine Spoil Excavation Contour (10' Interval) has been Added • Mine Spoil Excavation Contour (2' Interval) has been Added • Downchute (and Watershed Number) has been Deleted • Downchute Dissipator (and Watershed Number) has been Deleted • Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" • SB Designation Removed • Lower Kittanning Crop Added to Legend • Wetland Symbol Revised to Match Plan Sheet • Jurisdictional Wetland (See Reference 3 Revised to "Delineated Wetland" • Temporary Diversion Berm revised to Temporary Diversion Berm for contact water
27-32	7	S6	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 and S2-2 Sequence has been Switched and the Revised S2-2 Grading is Shown • Sump and Temporary Stormwater Infrastructure has been Revised to Reflect the S2-1 and S2-2 Sequence Change • Silt Fence and Temporary Diversion Ditch TDD-100 have been extended East to the Grading Limits • Mine Spoil Grading in S3-1 and S3-2 has been Revised Based on the Revised Mine Spoil Limits • TDD S3-2 has been Revised to Show One (1) Linetype • LK Crop has been Added and Silt Fence has been Moved Outside the LK

TDL No.	SHT	DWG	Edits
			<p>Crop</p> <ul style="list-style-type: none"> • Temporary Diversion Berms and Contact Water Pump Stations have been Added to Divert Contact Water from Mine Spoil Excavation to the AMD Treatment Area • Wetlands Updated w/ One Common Symbol • Contour Labels have been added to Final Cover, Intermediate Cover and Subbase Grades • Temporary Highwall labeled • Silt fence revised to move closer to limits of disturbance • Temporary Diversion Ditch into Sediment Basin 600 relocated • Channel 960 Into Sediment Basin 900 relocated • Leachate Storage Tank Facility - two tanks are shown to reflect anticipated tank storage at the time of Phase 2-2 <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Construction Sequence Notes and Mine Spoil Excavation Notes have been Revised • Reference Notes 3 and 4 have been Replaced with One Note Designated as Note 3 <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Mine Spoil Excavation Contour (10' Interval) has been Added • Mine Spoil Excavation Contour (2' Interval) has been Added • Downchute (and Watershed Number) has been Deleted • Downchute Dissipator (and Watershed Number) has been Deleted • Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" • SB Designation Removed • Lower Kittanning Crop Added to Legend • Wetland Symbol Revised to Match Plan Sheet • Jurisdictional Wetland (See Reference 3) Revised to "Delineated Wetland (See Reference 3)" • Temporary Diversion Berm revised to Temporary Diversion Berm for contact water
29-32 & 33-34	8	S7	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 and S2-2 Sequence has been Switched • Mine Spoil Grading in S3-1 and S3-2 has been Revised Based on the Revised Mine Spoil Limits • LK Crop has been Added and Silt Fence has been Moved Outside the LK Crop • Temporary Diversion Berms and Contact Water Pump Stations have been Added to Divert Contact Water from Mine Spoil Excavation to the AMD Treatment Area • Wetlands Updated w/ One Common Symbol • Leachate Storage Tank Facility - two tanks are shown to reflect anticipated tank storage at the time of Phase 2-3

TDL No.	SHT	DWG	Edits
			<ul style="list-style-type: none"> • Contour Labels have been added to Final Cover, Intermediate Cover and Subbase Grades • Temporary Highwall labeled • Silt fence revised to move closer to limits of disturbance • Temporary Diversion Ditch into Sediment Basin 600 relocated • Channel 960 Into Sediment Basin 900 relocated <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Construction Sequence Notes and Mine Spoil Excavation Notes have been Revised • Reference Notes 3 and 4 have been Replaced with One Note Designated as Note 3 <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Mine Spoil Excavation Contour (10' Interval) has been Added • Mine Spoil Excavation Contour (2' Interval) has been Added • Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" • SB Designation Removed • Lower Kittanning Crop Added to Legend • Wetland Symbol Revised to Match Plan Sheet • Jurisdictional Wetland (See Reference 3) Revised to "Delineated Wetland (See Reference 3)" • Temporary Diversion Berm revised to Temporary Diversion Berm for contact water
29-32	9	S8	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 and S2-2 Sequence has been Switched • Mine Spoil Grading in S3-1 through S3-3 has been Revised Based on the Revised Mine Spoil Limits • LK Crop has been Added and Silt Fence has been Moved Outside the LK Crop • Temporary Diversion Berms and Contact Water Pump Stations have been Added to Divert Contact Water from Mine Spoil Excavation to the AMD Treatment Area • Wetlands Updated w/ One Common Symbol • Leachate Storage Tank Facility - two tanks are shown to reflect anticipated tank storage at the time of Phase 2-4 • Contour Labels have been added to Final Cover, Intermediate Cover and Subbase Grades • Temporary Highwall labeled • Silt fence revised to move closer to limits of disturbance • Temporary Diversion Ditch into Sediment Basin 600 relocated • Channel 960 Into Sediment Basin 900 relocated <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Construction Sequence Notes and Mine Spoil Excavation Notes have been Revised

TDL No.	SHT	DWG	Edits
			<ul style="list-style-type: none"> • Reference Notes 3 and 4 have been Replaced with One Note Designated as Note 3 <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Mine Spoil Excavation Contour (10' Interval) has been Added • Mine Spoil Excavation Contour (2' Interval) has been Added • Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" • SB Designation Removed • Lower Kittanning Crop Added to Legend • Wetland Symbol Revised to Match Plan Sheet • Jurisdictional Wetland (See Reference 3) Revised to "Delineated Wetland (See Reference 3)" • Temporary Diversion Berm revised to Temporary Diversion Berm for contact water
29-32 & 33-35	10	S9	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 and S2-2 Sequence has been Switched • Mine Spoil Grading in S3-1 through S3-4 has been Revised Based on the Revised Mine Spoil Limits • LK Crop has been Added and Silt Fence has been Moved Outside the LK Crop • Temporary Diversion Berms and Contact Water Pump Stations have been Added to Divert Contact Water from Mine Spoil Excavation to the AMD Treatment Area • Wetlands Updated w/ One Common Symbol • Leachate Storage Tank Facility - three tanks are shown to reflect anticipated tank storage at the time of Phase 2-5 • Contour Labels have been added to Final Cover, Intermediate Cover and Subbase Grades • North Highwall labeled • Silt fence revised to move closer to limits of disturbance • Temporary Diversion Ditch into Sediment Basin 600 relocated • Channel 960 Into Sediment Basin 900 relocated <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Construction Sequence Notes and Mine Spoil Excavation Notes have been Revised • Reference Notes 3 and 4 have been Replaced with One Note Designated as Reference Note 3 <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Mine Spoil Excavation Contour (10' Interval) has been Added • Mine Spoil Excavation Contour (2' Interval) has been Added • Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" • SB Designation Removed • Lower Kittannig Crop Added to Legend

TDL No.	SHT	DWG	Edits
			<ul style="list-style-type: none"> • Wetland Symbol Revised to Match Plan Sheet • Jurisdictional Wetland (See Reference 3) Revised to "Delineated Wetland (See Reference 3)" • Temporary Diversion Berm revised to Temporary Diversion Berm for contact water
29-32 & 33-35	11	S10	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 and S2-2 Sequence has been Switched • Silt Fence has been added South of CELL S2-6 Grading • Mine Spoil Grading in S3-1 through S3-4 has been Revised Based on the Revised Mine Spoil Limits • Access Road Extension into S3-1 has been removed from this Phase • LK Crop has been Added and Silt Fence has been Moved Outside the LK Crop • Temporary Diversion Berms and Contact Water Pump Stations have been Added to Divert Contact Water from Mine Spoil Excavation to the AMD Treatment Area • Sedimentation Basin 200 and 300 along with Channel 250 and 350 have been removed • Wetlands Updated w/ One Common Symbol • Contour Labels have been added to Final Cover, Intermediate Cover and Subbase Grades • North Highwall labeled • Silt fence revised to move closer to limits of disturbance • Temporary Diversion Ditch into Sediment Basin 600 relocated • Channel 960 Into Sediment Basin 900 relocated • Leachate Storage Tank Facility - three tanks are shown to reflect anticipated tank storage at the time of Phase 2-6 <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Construction Sequence Notes and Mine Spoil Excavation Notes have been Revised • Reference Notes 3 and 4 have been Replaced with One Note Designated as Reference Note 3 <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Mine Spoil Excavation Contour (10' Interval) has been Added • Mine Spoil Excavation Contour (2' Interval) has been Added • Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations • SB Designation Removed • Lower Kittanning Crop Added to Legend • Wetland Symbol Revised to Match Plan Sheet • Jurisdictional Wetland (See Reference 3) Revised to "Delineated Wetland (See Reference 3)" • Temporary Diversion Berm revised to Temporary Diversion Berm for contact water

TDL No.	SHT	DWG	Edits
	12	S11	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 and S2-2 Sequence has been Switched • Silt Fence has been added South of CELL S2-6 Grading • Mine Spoil Grading in S3-1 through S3-4 has been Revised Based on the Revised Mine Spoil Limits • Access Road Extension into S3-1 has been removed from this Phase • LK Crop has been Added and Silt Fence has been Moved Outside the LK Crop • Temporary Diversion Berms and Contact Water Pump Stations have been Added to Divert Contact Water from Mine Spoil Excavation to the AMD Treatment Area • Sedimentation Basin 200 along with Channel 250 have been removed • Wetlands Updated w/ One Common Symbol • Contour Labels have been added to Final Cover, Intermediate Cover and Subbase Grades • North Highwall labeled • Silt fence revised to move closer to limits of disturbance • Temporary Diversion Ditch into Sediment Basin 600 relocated • Channel 960 Into Sediment Basin 900 relocated • Leachate Storage Tank Facility - three tanks are shown to reflect anticipated tank storage at the time of Phase 3-1 <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Construction Sequence Notes and Mine Spoil Excavation Notes have been Revised • Reference Notes 3 and 4 have been Replaced with One Note Designated as Reference Note 3 <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Mine Spoil Excavation Contour (10' Interval) has been Added • Mine Spoil Excavation Contour (2' Interval) has been Added • Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" • SB Designation Removed • Lower Kittanning Crop Added to Legend • Wetland Symbol Revised to Match Plan Sheet • Jurisdictional Wetland (See Reference 3) Revised to "Delineated Wetland (See Reference 3)" • Temporary Diversion Berm revised to Temporary Diversion Berm for contact water
	13	S12	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 and S2-2 Sequence has been Switched • Silt Fence has been added South of CELL S2-6 Grading and North of Basin 200 • Mine Spoil Grading in S3-1 through S3-4 has been Revised Based on the Revised Mine Spoil Limits

TDL No.	SHT	DWG	Edits
			<ul style="list-style-type: none"> • LK Crop has been Added and Silt Fence has been Moved Outside the LK Crop • Temporary Diversion Berms and Contact Water Pump Stations have been Added to Divert Contact Water from Mine Spoil Excavation to the AMD Treatment Area • Channel 250 removed and replaced with TDD-200 • Wetlands Updated w/ One Common Symbol • Contour Labels have been added to Final Cover, Intermediate Cover and Subbase Grades • North Highwall labeled • Silt fence revised to move closer to limits of disturbance • Temporary Diversion Ditch into Sediment Basin 600 relocated • Channel 960 Into Sediment Basin 900 relocated • Leachate Storage Tank Facility - three tanks are shown to reflect anticipated tank storage at the time of Phase 3-2 <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Construction Sequence Notes and Mine Spoil Excavation Notes have been Revised • Reference Notes 3 and 4 have been Replaced with One Note Designated as Reference Note 3 <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Mine Spoil Excavation Contour (10' Interval) has been Added • Mine Spoil Excavation Contour (2' Interval) has been Added • Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" • SB Designation Removed • Lower Kittanning Crop Added to Legend • Wetland Symbol Revised to Match Plan Sheet • Jurisdictional Wetland (See Reference 3) Revised to "Delineated Wetland (See Reference 3)" • Temporary Diversion Berm revised to Temporary Diversion Berm for contact water
	14	S13	<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 and S2-2 Sequence has been Switched • Silt Fence has been added South of CELL S2-6 Grading and North of Basin 200 • Silt fence revised to move closer to limits of disturbance • Temporary Diversion Ditch into Sediment Basin 600 relocated • Channel 960 Into Sediment Basin 900 relocated • Leachate Storage Tank Facility - three tanks are shown to reflect anticipated tank storage at the time of Phase 3-2 • Contour Labels have been added to Final Cover, Intermediate Cover and Subbase Grades

TDL No.	SHT	DWG	Edits
			<p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Lower Kittanning Crop Removed • Surface Water Impoundment Revised to Sediment Basin from former Mining Operations • Mine Spoil Excavation Contour (10' Interval) has been Added • Mine Spoil Excavation Contour (2' Interval) has been Added
15	S14		<p><u>PLAN</u></p> <ul style="list-style-type: none"> • CELLS S2-1 and S2-2 Sequence has been Switched • Silt Fence has been added South of CELL S2-6 Grading and North of Basin 200 • Silt fence revised to move closer to limits of disturbance • Temporary Diversion Ditch into Sediment Basin 600 relocated • Channel 960 Into Sediment Basin 900 relocated • Leachate Storage Tank Facility - three tanks are shown to reflect anticipated tank storage at the time of Phase 3-2 • Contour Labels have been added to Final Cover, Intermediate Cover and Subbase Grades <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Lower Kittanning Crop Removed • Surface Water Impoundment Revised to Sediment Basin from former Mining Operations • Mine Spoil Excavation Contour (10' Interval) has been Added • Mine Spoil Excavation Contour (2' Interval) has been Added
16	S15		<p><u>PLAN</u></p> <ul style="list-style-type: none"> • Wetlands updated and turned on <p><u>LEGEND</u></p> <ul style="list-style-type: none"> • Delineated Wetlands added • Surface Water Impoundment revised to Sediment Basin from Former Mining Operations
17	X1		<p><u>CROSS SECTION</u></p> <ul style="list-style-type: none"> • Temporary Liner termination labeled • Cells S2-1 and S2-2 Sequence has been switched • Reference to Note 6 added to Lower Kittanning Highest Composite Potentiometric Surface Label • Reference to Note 3 added to Approximate Base of Lower Kittanning Coal • Section A-A top of final cover updated with Revised S1 and S2 Waste Grading Plan • Section B-B top of final cover updated with Revised S1 and S2 Waste Grading Plan • Pod/High Acid Producing Material Limits shown <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Note 8 revised • Note 9 added

TDL No.	SHT	DWG	Edits
			<u>CROSS SECTION KEY MAP</u> <ul style="list-style-type: none"> Cells S2-1 and S2-2 Sequence has been switched
	18	X2	<u>CROSS SECTION</u> <ul style="list-style-type: none"> Temporary Liner termination labeled Cells S2-1 and S2-2 Sequence has been switched Reference to Note 6 added to Lower Kittanning Highest Composite Potentiometric Surface Label Reference to Note 3 added to Approximate Base of Lower Kittanning Coal Section C-C top of final cover updated Section D-D top of final cover updated Pod/High Acid Producing Material Limits shown <u>NOTES</u> <ul style="list-style-type: none"> Note 8 revised Note 9 added <u>CROSS SECTION KEY MAP</u> <ul style="list-style-type: none"> Cells S2-1 and S2-2 Sequence has been switched
	19	X3	<u>CROSS SECTION</u> <ul style="list-style-type: none"> Temporary Liner termination labeled Prepared Subgrade Label moved Reference to Note 6 added to Lower Kittanning Highest Composite Potentiometric Surface Label Reference to Note 3 added to Approximate Base of Lower Kittanning Coal Section E-E line between S3-4 and S2-6 waste added Section E-E Cell S3-3 revised to S3-4 S1 stockpile revised to (Refer to Sheet 41) S3-Area Only - Labeled Referencing Note 10 Mine spoil limits within S3-1 revised Pod/High Acid Producing Material Limits shown <u>NOTES</u> <ul style="list-style-type: none"> Note 8 revised Note 9 added Note 10 added to note Structural Fill Within 5' of the Lower Kittanning Highest Composite Potentiometric Surface Receives Alkaline Addition. <u>CROSS SECTION KEY MAP</u> <ul style="list-style-type: none"> Cells S2-1 and S2-2 Sequence has been switched
	20	X4	<u>CROSS SECTION</u> <ul style="list-style-type: none"> Temporary Liner (typ) termination labeled Reference to Note 6 added to Lower Kittanning Highest Composite Potentiometric Surface Label Reference to Note 3 added to Approximate Base of Lower Kittanning Coal

TDL No.	SHT	DWG	Edits
			<ul style="list-style-type: none"> • Structural fill within 5' of the Lower Kittanning Coal (see Note 10) labeled • Mine spoil limits updated • North highwall limits revised • Lower Kittanning Potentiometric contour updated • Cross section between S3-2 and S3-3 revised • S3-Area Only - Labeled Referencing Note 10 • Intact Lower Kittanning Coal Label Removed • Dark grey shaded region added 5' above potentiometric surface • Pod/High Acid Producing Material Limits shown <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Note 8 revised • Note 9 added • Note 10 added to note Structural Fill Within 5' of the Lower Kittanning Highest Composite Potentiometric Surface Receives Alkaline Addition. <p><u>CROSS SECTION KEY MAP</u></p> <ul style="list-style-type: none"> • Cells S2-1 and S2-2 Sequence has been switched
	21	X5	<p><u>CROSS SECTION</u></p> <ul style="list-style-type: none"> • Temporary Liner (typ) termination labeled • Reference to Note 6 added to Lower Kittanning Highest Composite Potentiometric Surface Label • Reference to Note 3 added to Approximate Base of Lower Kittanning Coal • Mine spoil limits updated • North Highwall limits revised • Lower Kittanning Potentiometric contour updated • S3-Area Only - Labeled Referencing Note 10 • Intact Lower Kittanning Coal Label Removed • Dark grey shaded region added 5' above potentiometric surface • Pod/High Acid Producing Material Limits shown <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Note 8 revised • Note 9 added • Note 10 added to note Structural Fill Within 5' of the Lower Kittanning Highest Composite Potentiometric Surface Receives Alkaline Addition. <p><u>CROSS SECTION KEY MAP</u></p> <ul style="list-style-type: none"> • Cells S2-1 and S2-2 Sequence has been switched\
	22	X6	<p><u>CROSS SECTION</u></p> <ul style="list-style-type: none"> • Reference to Note 6 added to Lower Kittanning Highest Composite Potentiometric Surface Label • Reference to Note 3 added to Approximate Base of Lower Kittanning Coal • Structural fill within 5' of the Lower Kittanning Coal (see Note 10)

TDL No.	SHT	DWG	Edits
			labeled <ul style="list-style-type: none"> • Mine spoil limits updated • North Highwall Limits revised • Lower Kittanning Potentiometric contour updated • S3-Area Only - Labeled Referencing Note 10 • Intact Lower Kittanning Coal Label Removed • Dark grey shaded region added 5' above potentiometric surface • Pod/High Acid Producing Material Limits shown <u>NOTES</u> <ul style="list-style-type: none"> • Note 8 revised • Note 9 added • Note 10 added to note Structural Fill Within 5' of the Lower Kittanning Highest Composite Potentiometric Surface Receives Alkaline Addition. <u>CROSS SECTION KEY MAP</u> <ul style="list-style-type: none"> • Cells S2-1 and S2-2 Sequence has been switched
	23	X7	<u>CROSS SECTION</u> <ul style="list-style-type: none"> • Reference to Note 6 added to Lower Kittanning Highest Composite Potentiometric Surface Label • Reference to Note 3 added to Approximate Base of Lower Kittanning Coal • Pod/High Acid Producing Material Limits shown <u>NOTES</u> <ul style="list-style-type: none"> • Note 8 revised • Note 9 added <u>CROSS SECTION KEY MAP</u> <ul style="list-style-type: none"> • Cells S2-1 and S2-2 Sequence has been switched
	24	X8	<u>CROSS SECTION</u> <ul style="list-style-type: none"> • Cell S3-5 revised to Cell S2-5 • S2 stockpile reference revised to Sheet 42 • Temporary Liner (typ) termination labeled • Reference to Note 6 added to Lower Kittanning Highest Composite Potentiometric Surface Label • Reference to Note 3 added to Approximate Base of Lower Kittanning Coal • Pod/High Acid Producing Material Limits shown <u>NOTES</u> <ul style="list-style-type: none"> • Note 8 revised • Note 9 added <u>CROSS SECTION KEY MAP</u> <ul style="list-style-type: none"> • Cells S2-1 and S2-2 Sequence has been switched
	25	X9	<u>CROSS SECTION</u> <ul style="list-style-type: none"> • Temporary Liner (typ) Termination Labeled and Detail Bubble (4/L1) Revised to Reference Correct Label (7/L1) • Reference to Note 6 added to Lower Kittanning Highest Composite

TDL No.	SHT	DWG	Edits
			<p>Potentiometric Surface Label</p> <ul style="list-style-type: none"> • Reference to Note 3 added to Approximate Base of Lower Kittanning Coal • S3-Area Only - Labeled Referencing Note 10 • Mine spoil limits updated • Lower Kittanning Potentiometric contour updated • Dark grey shaded region added 5' above potentiometric surface • Pod/High Acid Producing Material Limits shown <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Note 8 revised • Note 9 added • Note 10 added to note Structural Fill Within 5' of the Lower Kittanning Highest Composite Potentiometric Surface Receives Alkaline Addition. <p><u>CROSS SECTION KEY MAP</u></p> <ul style="list-style-type: none"> • Cells S2-1 and S2-2 Sequence has been switched
	26	X10	<p><u>PROFILES</u></p> <ul style="list-style-type: none"> • Cell S2-1 and S2-2 titles switched • Hatch revised in Perimeter section 1 • Approximate Base of Lower Kittanning Coal label arrow adjusted <p><u>CROSS SECTION KEY MAP</u></p> <ul style="list-style-type: none"> • Cell S2-1 and S2-2 titles switched <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Note 8 replaced • Note 9 added
	27	X11	<p><u>PROFILES</u></p> <ul style="list-style-type: none"> • Subgrade revised to Subbase <p><u>CROSS SECTION KEY MAP</u></p> <ul style="list-style-type: none"> • Cell S2-1 and S2-2 titles switched <p><u>NOTES</u></p> <ul style="list-style-type: none"> • Note 8 replaced • Note 9 added
39-41	28	L1	<p><u>DETAIL 1</u></p> <ul style="list-style-type: none"> • Geosynthetic Rain Cover and Labeled <p><u>DETAIL 2</u></p> <ul style="list-style-type: none"> • Fillet added to 90 degree corners including liner <p><u>DETAIL 3</u></p> <ul style="list-style-type: none"> • Edge of liner labeled to inside crest of perimeter berm • Limit of Waste Placement revised to show Offset by 15' from "Edge of Liner" <ul style="list-style-type: none"> • Structural fill labeled <p><u>DETAIL 5</u></p> <ul style="list-style-type: none"> • Revised to more clearly depict the GT-C geotextile cushion • Type GT-C Geotextile labeled

TDL No.	SHT	DWG	Edits
			<u>DETAIL 7</u> <ul style="list-style-type: none"> Edge of Liner labeled to inside crest of temporary berm Limit of Waste Placement revised to show 25' min from "Edge of Liner" located at the interior crest of temporary berm
42-44	29	LC1	<u>DETAIL 1</u> <ul style="list-style-type: none"> Notes and labels added to detail constructability of V-shaped lowpoint <u>DETAIL 4</u> <ul style="list-style-type: none"> Transitions/corners in the anchor trench and front and back walls have been revised to show as rounded (fillet).
45-56	30	LC2	<u>DETAIL 1</u> <ul style="list-style-type: none"> Length of sump floor revised to 17.5' HDPE Sheet Stock dimensions revised to 4'x16'x1" thick <u>DETAIL 2</u> <ul style="list-style-type: none"> Length of sump floor revised to 17.5' HDPE Sheet Stock dimensions revised to 4'x16'x1" thick Sump dimensions revised to 29.5' <u>DETAIL 3</u> <ul style="list-style-type: none"> Landfill floor elevation labeled <u>DETAIL 6</u> <ul style="list-style-type: none"> Sump dimensions revised to 16' (min) <u>LEACHATE DETECTION AND COLLECTION SUMP ELEVATIONS</u> <ul style="list-style-type: none"> Table revised to include landfill floor elevation
	31	LC3	<u>LEGEND</u> <ul style="list-style-type: none"> Lift Station Added
	32	PH1	<u>DETAIL 1</u> <ul style="list-style-type: none"> Section A-A revised to show change in HDPE Reducer size (4" x 2") Section A-A labels revised for consistency Section B-B revised to show Airtight Rise Pipe End Connection location
47	33	LCS3	<u>PLAN</u> <ul style="list-style-type: none"> Revised to show three (3) leachate storage tanks and ancillary equipment and piping Table added depicting leachate tank construction schedule CELL S2-1 AND CELL S2-2 Sequence Switched <u>LEGEND</u> <ul style="list-style-type: none"> Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" SB Designation Removed
	34	LCS2	<u>PLAN</u> <ul style="list-style-type: none"> CELL S2-1 AND CELL S2-2 Sequence Switched References to Match Line Sta. revised to (See Sheet "35") <u>PROFILE</u> <ul style="list-style-type: none"> CELL S2-1 AND CELL S2-2 Sequence Switched References to Match Line Sta. revised to (See Sheet "35")

TDL No.	SHT	DWG	Edits
			<u>LEGEND</u> <ul style="list-style-type: none"> "Pump station" removed
	35	LCS3	<u>PLAN</u> <ul style="list-style-type: none"> Leachate Storage Tank Area Revised to Show 3 Tanks <u>PROFILE</u> <ul style="list-style-type: none"> Revised Match Line Sta. to refer to (see "Sheet 34")
	36	LCS4	<u>PLAN</u> <ul style="list-style-type: none"> Leachate Storage Tank Area Revised to Show 3 Tanks <u>LEGEND</u> <ul style="list-style-type: none"> Pump station removed Delineated Wetlands Added <u>REFERENCES</u> <ul style="list-style-type: none"> Wetland Reference Added
	37	LCS5	<ul style="list-style-type: none"> Manhole Schedule revised to reflect Cell S2-1 and Cell S2-2 Sequence switch
48	38	LCS6	<u>PLAN</u> <ul style="list-style-type: none"> Leachate Storage Tank Area Revised to Show 3 Tanks and tank piping Table added depicting Leachate Tank Construction Schedule <u>NOTES</u> <ul style="list-style-type: none"> Note 3 added
	39	LCS7	No edits
	40	LCS8	<u>DETAIL 1 PLAN VIEW</u> <ul style="list-style-type: none"> Loadout platform labeled Leachate forcemain labeled Canopy limit labeled Bollard labeled Canopy support labeled <u>DETAIL 1 SECTION A-A</u> <ul style="list-style-type: none"> Top of concrete curb labeled Canopy foundation labeled
	41	SP1	<u>PLAN</u> <ul style="list-style-type: none"> Revised to turn off treeline <u>LEGEND</u> <ul style="list-style-type: none"> Delineated wetland verified 2012 removed Previously Delineated Wetland (See Reference 3) Revised to "Delineated Wetland (See Reference 3)" <u>NOTES</u> <ul style="list-style-type: none"> Note 6 revised to reference Onsite Materials Handling Alkaline Addition Table Note 7 revised to reflect appropriate stockpile <u>REFERENCES</u> <ul style="list-style-type: none"> References 3 and 4 removed and Reference 3 replaced from plan sheets
49-50	42	SP2	<u>PLAN</u>

TDL No.	SHT	DWG	Edits
			<ul style="list-style-type: none"> Silt fence extended to capture runoff Removed silt fence above Channel 170 Revised to turn off treeline <p><u>LEGEND</u></p> <ul style="list-style-type: none"> Delineated wetland verified 2012 removed Previously Delineated Wetland (See Reference 3) Revised to "Delineated Wetland (See Reference 3)" <p><u>REFERENCES</u></p> <ul style="list-style-type: none"> References 3 and 4 removed and Reference 3 replaced from plan sheets
51	43	EC1	<p><u>PLANS</u></p> <ul style="list-style-type: none"> Silt fence near Channel 170 extended to capture runoff Channel 270 relocated to coincide with emergency spillway <p><u>LEGEND</u></p> <ul style="list-style-type: none"> Surface Water Impoundment Revised to "Sediment Basin From Former Mining Operations" SB Designation Removed Delineated wetland verified 2012 removed Previously Delineated Wetland (See Reference 3) Revised to "Delineated Wetland (See Reference 3)" <p><u>NOTES</u></p> <ul style="list-style-type: none"> Note 4 revised to read "44 through 50" Note 5 revised to read "51 through 53" <p><u>REFERENCES</u></p> <ul style="list-style-type: none"> References 3 and 4 removed and Reference 3 replaced from plan sheets
52	44	EC2	<p><u>PLAN</u></p> <ul style="list-style-type: none"> Channels, basin, and pipes updated to match previous plan sheet edits <p><u>DETAIL 2</u></p> <ul style="list-style-type: none"> Permanent Sediment Cleanout Elevation Marker Added
53	45	EC3	<p><u>PLAN</u></p> <ul style="list-style-type: none"> Channels, basin, and pipes updated to match previous plan sheet edits <p><u>SECTION</u></p> <ul style="list-style-type: none"> Limits of Sediment Basin 200 revised <p><u>DETAIL 2</u></p> <ul style="list-style-type: none"> Permanent Sediment Cleanout Elevation Marker Added Basin Data revised <p><u>NOTES</u></p> <ul style="list-style-type: none"> Pond Decommissioning Notes added (1-4)
	46	EC4	<p><u>PLAN</u></p> <ul style="list-style-type: none"> Channels, basin, and pipes updated to match previous plan sheet edits <p><u>DETAIL 2</u></p> <ul style="list-style-type: none"> Permanent Sediment Cleanout Elevation Marker Added Basin 300 Data revised
54	47	EC5	<p><u>PLAN</u></p>

TDL No.	SHT	DWG	Edits
			<ul style="list-style-type: none"> Channels, basin, and pipes updated to match previous plan sheet edits <u>DETAIL 2</u> Permanent Sediment Cleanout Elevation Marker Added Basin 600 Data Revised
	48	EC6	<u>PLAN</u> <ul style="list-style-type: none"> Channels, basin, and pipes updated to match previous plan sheet edits <u>DETAIL 2</u> Permanent Sediment Cleanout Elevation Marker Added
55	49	EC7	<u>PLAN</u> <ul style="list-style-type: none"> Channels, basin, and pipes updated to match previous plan sheet edits <u>DETAIL 2</u> Permanent Sediment Cleanout Elevation Marker Added
	50	EC8	<u>PLAN</u> <ul style="list-style-type: none"> Channels, basin, and pipes updated to match previous plan sheet edits <u>DETAIL 2</u> Permanent Sediment Cleanout Elevation Marker Added
	51	EC9	<u>DETAIL 2</u> <ul style="list-style-type: none"> Stilling Basin Detail title added <u>DETAIL 5</u> <ul style="list-style-type: none"> Temporary stormwater basin table updated <u>DETAIL 6</u> <ul style="list-style-type: none"> Temporary diversion schedule updated
	52	EC10	<u>DETAIL 2</u> <ul style="list-style-type: none"> Section A-A revised to show 1.5 x D50 (min)
	53	EC11	<u>DETAIL 2</u> <ul style="list-style-type: none"> Rip Rap apron label revised to say (underlain by Type GT-S geotextile)
	54	LFG1	<u>PLAN</u> <ul style="list-style-type: none"> Wetlands updated EW162 and EW198 connected to header piping using lateral piping Leachate tanks revised to show three Condensate pumping stations located and identified <u>LEGEND</u> <ul style="list-style-type: none"> Condensate pumping station symbol added Investigative Wells removed Delineated Wetland added <u>REFERENCES</u> <ul style="list-style-type: none"> Reference 4 replaced with updated wetlands reference
	55	LFG2	<u>DETAIL 1</u> <ul style="list-style-type: none"> Extraction well labeled Gas conveyance pipe label revised HDPE pipe revised to (DR 17) <u>DETAIL 3</u> <ul style="list-style-type: none"> Intermediate cover soil labeled Labels revised to (DR 17) from (SDR 11)

TDL No.	SHT	DWG	Edits
			<ul style="list-style-type: none"> Hose bib for condensate sampling added and labeled <u>DETAIL 4</u> Labels revised to (DR 17) from (SDR 11) <u>DETAIL 6</u> Labels revised to (DR 17) from (SDR 11)
	56	LFG3	<u>DETAIL 1</u> <ul style="list-style-type: none"> Label revised from GADOT to AASHTO
	57	FC1	<u>DETAIL 1</u> <ul style="list-style-type: none"> Geotextile Label revised to Type GT-S <u>DETAIL 4</u> Final Cover System labeled Intermediate cover soil label removed Geomembrane(textured) label removed Note 1 added and referenced in label of unclassified fill <u>DETAIL 7</u> Labels revised to (DR 17) from (SDR 11) Extrusion weld labeled
	58	MD1	<u>DETAIL 5</u> <ul style="list-style-type: none"> Subbase removed 6" aggregate label revised to 18" (min) aggregate <u>DETAIL 8</u> Pod/High Sulfur Material added to detail Note 2 added <u>DETAIL 9</u> Detail labels revised for consistency <u>DETAILS 10-12</u> Geosynthetic Rain cover details added
	59	E1	<u>PLAN</u> <ul style="list-style-type: none"> Roll-off container area added <u>NOTES</u> Note 5 added in reference to roll-off container area
	60	A1	<u>LEGEND</u> <ul style="list-style-type: none"> Delineated wetlands revised <u>NOTES</u> Note 3 revised