



Technical Change Notice (TCN) – Part A



R11440651

Page i of i

PROJECT: River Protection Project Waste Treatment Plant

ISSUED BY
RPP-WTP PDC

JOB No.: 24590

A1. Date: 10/25/11	RPP-WTP TCN No.: 24590-QL-MRA-MWK0-00001-T0009
Title for TCN: Carbon Bed Adsorber Engineering Specification Sample Port Clarification.	
Supersedes Change Document <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

A2. Project Only Information	
Part of DCP?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
ECN Needed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Cost and Schedule Impacts:	
Not to exceed value: \$0	
No schedule impact is associated with this TCN.	

CAM Approval(s)		
Bill Grimm (HLW)		11/7/11
Tom Hughes (LBL)		11/4/11
<i>Print/Type Name</i>	<i>Signature</i>	<i>Date</i>

A3. BPS Update		
Does the TCN include changes to Part 1 / Section 1 of the LFMR? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If yes, create a sub-revision to the LFMR in BPS and sign/date below.		
_____	_____	_____
<i>Print/Type Name</i>	<i>Signature</i>	<i>Date</i>

*** THIS PAGE NOT TO BE SENT TO SUPPLIER ***

Please note that source, special nuclear, and byproduct materials, as defined in the Atomic Energy Act of 1954 (AEA) are regulated at the U. S. Department of Energy (DOE) facilities exclusively by DOE acting pursuant to its AEA authority. DOE asserts that pursuant to AEA, it has sole and exclusive responsibility and authority to regulate source, special nuclear, and byproduct materials at DOE-owned nuclear facilities. Information contained herein on radionuclides is provided for process description purposes only.



Technical Change Notice (TCN) – Part B

PROJECT: River Protection Project Waste Treatment Plant

JOB No.: 24590

Date: 10/25/11 RPP-WTP TCN No.: 24590-QL-MRA-MWK0-00001-T0009

Title for TCN: Carbon Bed Adsorber Engineering Specification Sample Port Clarification.

Supersedes Change Document Yes No

B1. Affected RPP-WTP Documents

Identify by number and current revision the specifications, drawings (including data sheets and engineering lists), supplier documents provided to another supplier, and material requisitions, as applicable. Attach extra sheets, photographs, sketches, etc., as necessary to provide justification or describe the change.

B1.1 Long Form Material Requisition (LFMR) Number	Rev	LFMR Title
24590-QL-MRA-MWK0-00001	004	Activated Carbon Bed Adsorbers (MS002)(N151)
Justification for Change		
N/A		
Description of Change		
N/A		
Attachments (The following Material Requisition components, attached, are newly added or supersede any prior versions transmitted.)		
N/A		

B1.2 Added/Deleted Documents

Added Documents (The following documents are newly added or supersede any prior revisions transmitted)					
Document Number	Rev	ECI	Document Number	Rev	ECI
24590-WTP-3PS-MWK0-T0001	5				
Deleted Documents (The following documents are deleted and no longer valid)					
Document Number	Rev	Document Number	Rev		
N/A					

B1.3 Change Document(s)

Document Number	Rev	Document Title	ECI
24590-WTP-3PS-MWK0-T0001	5	Engineering Specification for Activated Carbon Bed Adsorbers	<input type="checkbox"/>
Specification changes retroactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Justification for Change			
Section 2.3.14 was deleted by mistake during the last revision of this specification.			
Section 3.7.1.2:			
Per CCN 197942, removing the fill port blinds in order to obtain samples of the primary bed carbon media is acceptable. It was acknowledged that sampling of the beds would not routinely be required, as breakthrough of the beds would normally be determined based on in place gas analyzers. Ionex confirmed that angles/ lengths required to obtain samples across the entire bed depth were			



Technical Change Notice (TCN) – Part B

PROJECT: River Protection Project Waste Treatment Plant

JOB No.: 24590

Date: 10/25/11 RPP-WTP TCN No.: 24590-QL-MRA-MWK0-00001-T0009

Title for TCN: Carbon Bed Adsorber Engineering Specification Sample Port Clarification.

Justification for Change

acceptable. These angles have yet to be provided by IONEX. BNI confirmed and Ionex agreed that the engineering specification requires Ionex to supply these tools. Although the CCN doesn't address it, it is understood that vertical sampling through the fill port blind flanges may be obtained for the guard bed.

Description of Change

Add Section 2.3.14 as follows:

2.3.14 IEEE Std. 384, Standard Criteria for Independence of Class 1E Equipment and Circuits. See Appendix H for WTP specific tailoring.

Revise Section 3.7.1.2 of 24590-WTP-3PS-MWK0-T0001, Rev. 5 as follows:

Before:

3.7.1.2. Each carbon bed shall be equipped with three (3) vertical and three (3) horizontal ports to obtain physical samples at three locations within the bed. The Seller shall provide special tools to physically retrieve samples. Seller may also propose the use of cylindrical media samples located external to the housing.

After:

3.7.1.2. The primary bed and guard bed shall allow access for vertical sampling. These vertical samples are taken by removing the fill port blind flanges. The guard bed shall also be equipped with three (3) horizontal ports to obtain physical samples at three locations within the bed. The Seller shall provide special tools to physically retrieve samples. Seller may also propose the use of cylindrical media samples located external to the housing.

B2. REQUIREMENTS REVIEW

Interface Resolution Required* Yes No *Address "yes" answer in the description.

B3. SIGNATURES AND DATES:

Originator Ryan Brown		Checker Ryan Rickenbach	
--------------------------	--	----------------------------	--

Reviews

E&NS - Dwight Krahn 	PEQ - Grant Goolsby 	P-OPS - Maurice Bunker 	Mechanical Systems (HLW) - Rich Peters
Mechanical Systems (LAW) - Tom Valenti 			

Approval(s)

PEQ - John Schneider 		
--------------------------	--	--

Date (inserted by final approver): 11-4-11



Technical Change Notice (TCN) – Part B

PROJECT: River Protection Project Waste Treatment Plant

JOB No.: 24590

Date: 10/25/11 RPP-WTP TCN No.: 24590-QL-MRA-MWK0-00001-T0009

Title for TCN: Carbon Bed Adsorber Engineering Specification Sample Port Clarification.

B4. DISTRIBUTION:			
E-mail Address/Recipient	Organization	E-mail Address/Recipient	Organization
WTP Acquisition Helpdesk	Procurement & Subcontracts		