



(Zoe Cox)
Byron Station
Exelon Nuclear
4450 N. German Church Road.
Byron IL 61010

Report of Analysis/Certificate of Conformance

05/02/2007

LIMS #: L31730

Project ID#: EX001-3ESPBYRON-06

Received: 04/26/2007

Delivery Date: 05/17/2007

P.O. #: 01000298 REL.#00011

Release #:

SDG #:

This is to certify that Teledyne Brown Engineering - Environmental Services located at 2508 Quality Lane, Knoxville, Tennessee, 37931, has analyzed, tested and documented samples as specified in the applicable purchase order.

This also certifies that requirements of applicable codes, standards and specifications have been fully met and that any quality assurance documentation which verified conformance to the purchase order is on file and may be examined upon request.

I hereby certify that the above statements are true and correct.

Keith Jeter

Keith Jeter
Operations Manager

N-12



[Zoe Cox]
Byron Station
Exelon Nuclear
4450 N. German Church Road
Byron IL 61010

LIMS #: L31730
Project ID#: EX001-3ESPBYRON-06
Received: 04/26/2007
Delivery Date: 05/17/2007
P.O. #: 01000298 REL.#00011
Release #:
SDG #:

Cross Reference Table

Client ID	Laboratory ID	Station ID(if applicable)
BY-AR-1	L31730-1	BY-AR-1
BY-AR-2	L31730-2	BY-AR-2
BY-AR-3	L31730-3	BY-AR-3
BY-AR-7	L31730-4	BY-AR-7
BY-AR-8	L31730-5	BY-AR-8
BY-AR-9	L31730-6	BY-AR-9
BY-AR-10	L31730-7	BY-AR-10
BY-TW-14	L31730-8	BY-TW-14
BY-TW-15	L31730-9	BY-TW-15
BY-TW-13	L31730-10	BY-TW-13
BY-CAR-1	L31730-11	BY-CAR-1
BY-CAR-2	L31730-12	BY-CAR-2
BY-CAR-3	L31730-13	BY-CAR-3
BY-MW-1	L31730-14	BY-MW-1
BY-MW-3	L31730-15	BY-MW-3

Report of Analysis

05/02/07 14:34



L31730

Byron Station

EX001-3ESPBYRON-06

Zoe Cox

Sample ID: BY-AR-1	Collect Start: 04/20/2007 11:00	Matrix: Ground Water (WG)
Station: BY-AR-1	Collect Stop: 04/20/2007 11:00	Volume:
Description:	Receive Date: 04/26/2007	% Moisture:
LIMS Number: L31730-1		

Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	1.03E+02	9.90E+01	1.53E+02	pCi/L		10	ml		05/01/07	75	M	U

Comment: 1 Collected by Byron personnel.

Sample ID: BY-AR-2	Collect Start: 04/18/2007 10:35	Matrix: Ground Water (WG)
Station: BY-AR-2	Collect Stop: 04/18/2007 10:55	Volume:
Description:	Receive Date: 04/26/2007	% Moisture:
LIMS Number: L31730-2		

Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	5.48E+02	1.24E+02	1.54E+02	pCi/L		10	ml		05/01/07	75	M	+ High

Comment: 1 Grab sample, flow lost after 20 min.

Sample ID: BY-AR-3	Collect Start: 04/18/2007 11:40	Matrix: Ground Water (WG)
Station: BY-AR-3	Collect Stop: 04/18/2007 12:25	Volume:
Description:	Receive Date: 04/26/2007	% Moisture:
LIMS Number: L31730-3		

Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	3.27E+02	1.12E+02	1.54E+02	pCi/L		10	ml		05/01/07	75	M	+ High

Sample ID: BY-AR-7	Collect Start: 04/15/2007 13:50	Matrix: Ground Water (WG)
Station: BY-AR-7	Collect Stop: 04/15/2007 13:50	Volume:
Description:	Receive Date: 04/26/2007	% Moisture:
LIMS Number: L31730-4		

Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	8.43E+01	9.72E+01	1.51E+02	pCi/L		10	ml		05/01/07	75	M	U

Comment: 1 Collected by Byron personnel.

Flag Values

- U = Compound/Analyte not detected or less than 3 sigma
- + = Activity concentration exceeds MDC and 3 sigma; peak identified (gamma only)
- U* = Compound/Analyte not detected. Peak not identified, but forced activity concentration exceeds MDC and 3 sigma
- High = Activity concentration exceeds customer reporting value
- Spec = MDC exceeds customer technical specification
- L = Low recovery
- H = High recovery

- No = Peak not identified in gamma spectrum
- Yes = Peak identified in gamma spectrum
- **** Results are reported on an as received basis unless otherwise noted

MDC - Minimum Detectable Concentration

Bolded text indicates reportable value.

Report of Analysis

05/02/07 14:34



L31730

Byron Station

EX001-3ESPBYPYRON-06

Zoe Cox

Sample ID: BY-AR-8	Collect Start: 04/15/2007 13:10	Matrix: Ground Water (WG)
Station: BY-AR-8	Collect Stop: 04/15/2007 13:10	Volume: -
Description:	Receive Date: 04/26/2007	% Moisture:
LIMS Number: L31730-5		

Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	1.00E+02	9.88E+01	1.52E+02	pCi/L		10	ml		05/01/07	75	M	U

Comment: 1 Collected by Byron personnel.

Sample ID: BY-AR-9	Collect Start: 04/20/2007 10:15	Matrix: Ground Water (WG)
Station: BY-AR-9	Collect Stop: 04/20/2007 10:15	Volume: -
Description:	Receive Date: 04/26/2007	% Moisture:
LIMS Number: L31730-6		

Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	5.20E+01	9.71E+01	1.55E+02	pCi/L		10	ml		05/01/07	75	M	U

Comment: 1 Collected by Byron personnel.

Sample ID: BY-AR-10	Collect Start: 04/15/2007 14:20	Matrix: Ground Water (WG)
Station: BY-AR-10	Collect Stop: 04/15/2007 14:20	Volume: -
Description:	Receive Date: 04/26/2007	% Moisture:
LIMS Number: L31730-7		

Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	6.85E+01	9.89E+01	1.56E+02	pCi/L		10	ml		05/01/07	75	M	U

Comment: 1 Collected by Byron personnel.

Sample ID: BY-TW-14	Collect Start: 04/20/2007 13:15	Matrix: Ground Water (WG)
Station: BY-TW-14	Collect Stop: 04/20/2007 14:00	Volume: -
Description:	Receive Date: 04/26/2007	% Moisture:
LIMS Number: L31730-8		

Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	1.81E+01	9.47E+01	1.54E+02	pCi/L		10	ml		05/01/07	75	M	U

Flag Values

- U = Compound/Analyte not detected or less than 3 sigma
- + = Activity concentration exceeds MDC and 3 sigma; peak identified (gamma only)
- U* = Compound/Analyte not detected. Peak not identified, but forced activity concentration exceeds MDC and 3 sigma
- High = Activity concentration exceeds customer reporting value
- Spec = MDC exceeds customer technical specification
- L = Low recovery
- H = High recovery

- No = Peak not identified in gamma spectrum
- Yes = Peak identified in gamma spectrum
- **** Results are reported on an as received basis unless otherwise noted

MDC - Minimum Detectable Concentration

Bolded text indicates reportable value.

L31730 4 OF 12

Report of Analysis

05/02/07 14:34



L31730

Byron Station

EX001-3ESPBYPYRON-06

Zoe Cox

Sample ID: BY-TW-15	Collect Start: 04/20/2007 11:50	Matrix: Ground Water (WG)
Station: BY-TW-15	Collect Stop: 04/20/2007 11:55	Volume:
Description:	Receive Date: 04/26/2007	% Moisture:
LIMS Number: L31730-9		

Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	2.73E+01	9.62E+01	1.56E+02	pCi/L		10	ml		05/01/07	75	M	U

Comment: 1 Grab sample; pump clogged with sludge after 5 minutes.

Sample ID: BY-TW-13	Collect Start: 04/20/2007 14:30	Matrix: Ground Water (WG)
Station: BY-TW-13	Collect Stop: 04/20/2007 15:15	Volume:
Description:	Receive Date: 04/26/2007	% Moisture:
LIMS Number: L31730-10		

Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	1.33E+01	9.28E+01	1.52E+02	pCi/L		10	ml		05/01/07	75	M	U

Sample ID: BY-CAR-1	Collect Start: 04/20/2007 12:15	Matrix: Ground Water (WG)
Station: BY-CAR-1	Collect Stop: 04/20/2007 13:00	Volume:
Description:	Receive Date: 04/26/2007	% Moisture:
LIMS Number: L31730-11		

Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	3.63E+01	9.63E+01	1.55E+02	pCi/L		10	ml		05/01/07	75	M	U

Sample ID: BY-CAR-2	Collect Start: 04/20/2007 15:45	Matrix: Ground Water (WG)
Station: BY-CAR-2	Collect Stop: 04/23/2007 12:00	Volume:
Description:	Receive Date: 04/26/2007	% Moisture:
LIMS Number: L31730-12		

Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	1.09E+02	9.87E+01	1.52E+02	pCi/L		10	ml		05/01/07	75	M	U

Comment: 1 Bailed; one bailer of water after 2 days recharge.

- Flag Values:
- U = Compound/Analyte not detected or less than 3 sigma
 - +
 - U* = Activity concentration exceeds MDC and 3 sigma; peak identified (gamma only)
 - High = Compound/Analyte not detected. Peak not identified, but forced activity concentration exceeds MDC and 3 sigma
 - Spec = Activity concentration exceeds customer reporting value
 - L = MDC exceeds customer technical specification
 - L = Low recovery
 - H = High recovery

- No = Peak not identified in gamma spectrum
- Yes = Peak identified in gamma spectrum
- **** Results are reported on an as received basis unless otherwise noted

MDC - Minimum Detectable Concentration

Bolded text indicates reportable value.

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Report of Analysis

05/02/07 14:34



L31730

Byron Station

EX001-3ESPBYRON-06

Zoe Cox

Sample ID: BY-CAR-3				Collect Start: 04/15/2007 12:54				Matrix: Ground Water (WG)					
Station: BY-CAR-3				Collect Stop: 04/15/2007 12:54				Volume:					
Description:				Receive Date: 04/26/2007				% Moisture:					
LIMS Number: L31730-13													
Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	1.57E+02	1.05E+02	1.57E+02	pCi/L		10	ml		05/02/07	75	M	U
Comment: 1 Collected by Byron personnel.													
Sample ID: BY-MW-1				Collect Start: 04/19/2007 12:45				Matrix: Ground Water (WG)					
Station: BY-MW-1				Collect Stop: 04/19/2007 13:08				Volume:					
Description:				Receive Date: 04/26/2007				% Moisture:					
LIMS Number: L31730-14													
Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	1.24E+02	9.81E+01	1.49E+02	pCi/L		10	ml		05/02/07	75	M	U
Comment: 1 Well ran dry after 18 minutes; ants in pump casing when pulled. Returned pump; got enough water for sample.													
Sample ID: BY-MW-3				Collect Start: 04/19/2007 11:25				Matrix: Ground Water (WG)					
Station: BY-MW-3				Collect Stop: 04/19/2007 12:10				Volume:					
Description:				Receive Date: 04/26/2007				% Moisture:					
LIMS Number: L31730-15													
Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3 (DIST)	2010	9.27E+00	9.66E+01	1.58E+02	pCi/L		10	ml		05/02/07	75	M	U

Flag Values

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- U* = Compound/Analyte not detected. Peak not identified, but forced activity concentration exceeds MDC and 3 sigma
- High = Activity concentration exceeds customer reporting value
- Spec = MDC exceeds customer technical specification
- L = Low recovery
- H = High recovery

Bolded text indicates reportable value.

- No = Peak not identified in gamma spectrum
- Yes = Peak identified in gamma spectrum
- **** Results are reported on an as received basis unless otherwise noted

MDC - Minimum Detectable Concentration

L31730
D-2C

Byron Generating Station

Sample Collection/Receipt Sheet

Groundwater Samples

EXELON NUCLEAR

Lab. No.	Client ID	Station Code	Sample Medium	Start date	Start time	Stop date	Stop time	Sample Size	Analysis	Comments
L31730-1	BY-AR-1	BY-	GW	04/20/2007	11:00	04/20/2007	11:00	250 mL	H-3 (DIST)	Collected by Byron personnel.
-2	BY-AR-2	BY-	GW	04/18/2007	10:35	04/18/2007	10:55	250 mL	H-3 (DIST)	Grab sample; flow lost after 20 min.
-3	BY-AR-3	BY-	GW	04/18/2007	11:40	04/18/2007	12:25	250 mL	H-3 (DIST)	
-4	BY-AR-7	BY-	GW	04/15/2007	13:50	04/15/2007	13:50	250 mL	H-3 (DIST)	Collected by Byron personnel.
-5	BY-AR-8	BY-	GW	04/15/2007	13:10	04/15/2007	13:10	250 mL	H-3 (DIST)	Collected by Byron personnel.
-6	BY-AR-9	BY-	GW	04/20/2007	10:15	04/20/2007	10:15	250 mL	H-3 (DIST)	Collected by Byron personnel.
-7	BY-AR-10	BY-	GW	04/15/2007	14:20	04/15/2007	14:20	250 mL	H-3 (DIST)	Collected by Byron personnel.
-8	BY-TW-14	BY-	GW	04/20/2007	13:15	04/20/2007	14:00	250 mL	H-3 (DIST)	
-9	BY-TW-15	BY-	GW	04/20/2007	11:50	04/20/2007	11:55	250 mL	H-3 (DIST)	Grab sample; pump clogged with sludge after 5 minutes.
-10	BY-TW-13	BY-	GW	04/20/2007	14:30	04/20/2007	15:15	250 mL	H-3 (DIST)	
-11	BY-CAR-1	BY-	GW	04/20/2007	12:15	04/20/2007	13:00	250 mL	H-3 (DIST)	
-12	BY-CAR-2	BY-	GW	04/20/2007	15:45	04/23/2007	12:00	250 mL	H-3 (DIST)	Bailed; one bailer of water after 2 days recharge.
-13	BY-CAR-3	BY-	GW	04/15/2007	12:54	04/15/2007	12:54	250 mL	H-3 (DIST)	Collected by Byron personnel.
-14	BY-MW-1	BY-	GW	04/19/2007	12:45	04/19/2007	13:08	250 mL	H-3 (DIST)	Well ran dry after 18 minutes; ants in pump casing when pulled. Returned pump; got enough water for sample.
✓ -15	BY-MW-3	BY-	GW	04/19/2007	11:25	04/19/2007	12:10	250 mL	H-3 (DIST)	

Collected by: J. Goral (unless otherwise noted)

Date: 4/15-4/23/2007

Shipped by: FedEx

Date: 04/25/2007

Received by: Pat Marshall

Date: 4/26/07

Environmental, Inc.
Midwest Laboratory
An Allegheny Technologies Company

SR NO. **2844**

Shipping Request

L31730/L31731

MIDWEST LABORATORY
700 LANDWEHR ROAD • NORTHBROOK, IL 60062-2310 • (847) 584-0700
FAX (847) 584-4517

NOTE!! When returning or replacing this material, please reference S/R No. on all documents.

PART I (To be completed by originator)

A. Description of Items (Include, Quantity, Model No., Type, Serial No., and Gov't Property No.)

BYRON:
21-BOTTLES OF WATER SAMPLES FOR H-3

B. Purpose of Shipment:

- Return for credit-No replacement:
- Return for rework or replacement at Vendor's expense.
- Return for rework or replacement at Environmental, Inc's expense.
- Furnished on Consignment for use on P.O. No. _____
- Other (explain) _____

C. Comments or instructions to Vendor:

D. Control Data:

Vendor _____
P.O. No. _____
W.O./Acct. No. _____
Location of material _____
Ship no later than _____
Ship via _____ Collect
Prepaid

No. Pcs./ctns. _____ Cu. Ft. _____
Weight _____ Est. Val. _____

Part II (To be completed by Shipping Dept.)

Actual method of shipment Federal Express

Date Shipped 04-25-2007

Collect _____ Prepaid _____

FOB point _____

Waybill No. _____

Misc. _____

SHIP TO: **TBE**

ATTN: _____

L.B.
ORIGINATOR'S INITIALS

04/26/07 12:05

**Teledyne Brown Engineering
Sample Receipt Verification/Variance Report**

SR #: SR13690

Client: Exelon

Project #: EX001-3ESPBYPYRON-06

LIMS #: L31730

Initiated By: ~~PMARSHALL~~
Init Date: 04/26/07 Receive Date: 04/26/07

Notification of Variance

Person Notified: _____ Contacted By: _____
Notify Date: _____
Notify Method: _____
Notify Comment: _____

Client Response

Person Responding: _____
Response Date: _____
Response Method: _____
Response Comment _____

Criteria	Yes	No	NA	Comment
1 Shipping container custody seals present and intact.			NA	
2 Sample container custody seals present and intact.			NA	
3 Sample containers received in good condition	Y			
4 Chain of custody received with samples	Y			
5 All samples listed on chain of custody received	Y			
6 Sample container labels present and legible.	Y			
7 Information on container labels correspond with chain of custody			N	
BY-AR-2				Collection time on container was 11:00
BY-MW-3				Collection time on container was 12:00
BY-CAR-2				Collection time on container was 13:10
BY-MW-1				Collection time on container was 13:15
8 Sample(s) properly preserved and in appropriate container(s)			NA	
9 Other (Describe)			NA	

Raw Data Sheet (rawdata)
May 02 2007, 02:55 pm

Work Order: L31730

Customer: Exelon

Page: 1

Nuclide: H-3 (DIST)

Project: EX001-3ESPBYRON-06

Sample ID	Run #	Analysis	Reference Date/time	Volume/ Aliquot	Scavenge Date/time	Milking Date/time	Mount Weight	Count Recovery	Count Date/time	Counter ID	Total counts	Sample dt (min)	Bkg counts	Bkg dt (min)	Eff. Factor	Decay & Ingrowth Factor	Analyst
L31730-1		H-3 DIST		10 ml			0		01-may-07 08:13	LS7	155	75	1.61	75	.202		DW
BY-AR-1		Activity: 1.03E+02 Error: 9.9E+01		MDC: 1.53E+02 *													
L31730-2		H-3 DIST		10 ml			0		01-may-07 09:32	LS7	303	75	1.61	75	.2		DW
BY-AR-2		Activity: 5.48E+02 * Error: 1.24E+02		MDC: 1.54E+02													
L31730-3		H-3 DIST		10 ml			0		01-may-07 10:50	LS7	230	75	1.61	75	.2		DW
BY-AR-3		Activity: 3.27E+02 * Error: 1.12E+02		MDC: 1.54E+02													
L31730-4		H-3 DIST		10 ml			0		01-may-07 12:08	LS7	149	75	1.61	75	.204		DW
BY-AR-7		Activity: 8.43E+01 Error: 9.72E+01		MDC: 1.51E+02 *													
L31730-5		H-3 DIST		10 ml			0		01-may-07 13:27	LS7	155	75	1.61	75	.202		DW
BY-AR-8		Activity: 1E+02 Error: 9.88E+01		MDC: 1.52E+02 *													
L31730-6		H-3 DIST		10 ml			0		01-may-07 14:45	LS7	138	75	1.61	75	.199		DW
BY-AR-9		Activity: 5.2E+01 Error: 9.71E+01		MDC: 1.55E+02 *													
L31730-7		H-3 DIST		10 ml			0		01-may-07 17:22	LS7	143	75	1.61	75	.198		DW
BY-AR-10		Activity: 6.85E+01 Error: 9.89E+01		MDC: 1.56E+02 *													
L31730-8		H-3 DIST		10 ml			0		01-may-07 18:41	LS7	127	75	1.61	75	.2		DW
BY-TW-14		Activity: 1.81E+01 Error: 9.47E+01		MDC: 1.54E+02 *													
L31730-9		H-3 DIST		10 ml			0		01-may-07 20:00	LS7	130	75	1.61	75	.198		DW
BY-TW-15		Activity: 2.73E+01 Error: 9.62E+01		MDC: 1.56E+02 *													
L31730-10		H-3 DIST		10 ml			0		01-may-07 21:19	LS7	125	75	1.61	75	.203		DW
BY-TW-13		Activity: 1.33E+01 Error: 9.28E+01		MDC: 1.52E+02 *													
L31730-11		H-3 DIST		10 ml			0		01-may-07 22:37	LS7	133	75	1.61	75	.199		DW
BY-CAR-1		Activity: 3.63E+01 Error: 9.63E+01		MDC: 1.55E+02 *													
L31730-12		H-3 DIST		10 ml			0		01-may-07 23:56	LS7	158	75	1.61	75	.203		DW
BY-CAR-2		Activity: 1.09E+02 Error: 9.87E+01		MDC: 1.52E+02 *													

Raw Data Sheet (rawdata)
May 02 2007, 02:55 pm

Work Order: L31730

Customer: Exelon

Page: 2

Nuclide: H-3 (DIST)

Project: EX001-JESPHYCON-06

Sample ID Client ID	Run #	Analysis	Reference Date/time	Volume/ Aliquot	Scavenge Date/time	Milking Date/time	Mount Weight	Recovery	Count Date/time	Counter ID	Total counts	Sample dt (min)	Bkg counts	Bkg dt (min)	Eff. Factor	Decay & Ingrowth	Analyst
L31730-13		H-3 DIST		10 ml			0		02-may-07 01:14	LS7	172	75	1.61	75	.196		DW
BY-CAR-3																	
Activity: 1.57E+02			Error: 1.05E+02	MDC: 1.57E+02 *													
L31730-14		H-3 DIST		10 ml			0		02-may-07 02:33	LS7	164	75	1.61	75	.207		DW
BY-MW-1																	
Activity: 1.24E+02			Error: 9.81E+01	MDC: 1.49E+02 *													
L31730-15		H-3 DIST		10 ml			0		02-may-07 03:52	LS7	124	75	1.61	75	.195		DW
BY-MW-3																	
Activity: 9.27E+00			Error: 9.66E+01	MDC: 1.58E+02 *													

QC Summary Report

for L31730

5/2/2007

4:11:48PM



H-3 (DIST)

Method Blank Summary

<u>TBE Sample ID</u>	<u>Radionuclide</u>	<u>Matrix</u>	<u>Count Date/Time</u>	<u>Blank Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>P/F</u>
WG5190-1	H-3 (DIST)	WO	05/01/2007 5:18	< 1.550E+00	pCi/Total	U	P

LCS Sample Summary

<u>TBE Sample ID</u>	<u>Radionuclide</u>	<u>Matrix</u>	<u>Count Date/Time</u>	<u>Spike Value</u>	<u>LCS Result</u>	<u>Units</u>	<u>Spike Recovery</u>	<u>Range</u>	<u>Qualifier</u>	<u>P/F</u>
WG5190-2	H-3 (DIST)	WO	05/01/2007 6:36	5.05E+002	5.420E+02	pCi/Total	107.4	70-130	+	P

Spike ID: 3H-041706-1
Spike conc: 5.05E+002
Spike Vol: 1.00E+000

Duplicate Summary

<u>TBE Sample ID</u>	<u>Radionuclide</u>	<u>Matrix</u>	<u>Count Date/Time</u>	<u>Original Result</u>	<u>DUP Result</u>	<u>Units</u>	<u>RPD</u>	<u>Range</u>	<u>Qualifier</u>	<u>P/F</u>
WG5190-3 L31752-1	H-3 (DIST)	WT	05/01/2007 6:55	< 1.550E+02	< 1.490E+02	pCi/L		<30	**	NE

- + Positive Result
- U Compound/analyte was analyzed, peak not identified and/or not detected above MDC
- * < 5 times the MDC are not evaluated.
- ** Nuclide not detected
- *** Spiking level < 5 times activity
- P Pass
- F Fail
- NE Not evaluated