

INTEGRATED MATERIALS PERFORMANCE EVALUATION PROGRAM  
QUESTIONNAIRE

**Program: State of North Dakota**  
**Reporting Period: April 26, 2013 to June 26, 2015**

Note: If there has been no change in the response to a specific question since the last IMPEP questionnaire, the State or Region may copy the previous answer, if appropriate.

**A. GENERAL**

1. Please prepare a summary of the status of the State's or Region's actions taken in response to each of the open recommendations from previous IMPEP reviews.

**B. COMMON PERFORMANCE INDICATORS**

I. Technical Staffing and Training

2. Please provide the following organization charts, including names and positions:

- (a) A chart showing positions from the Governor down to the Radiation Control Program Director;

**See Attachment 2**

- (b) A chart showing positions of the radiation control program, including management; and;

**See Attachment 2**

- (c) Equivalent charts for sealed source and device evaluation, low-level radioactive waste and uranium recovery programs, if applicable.

**None of the above are applicable.**

3. Please provide a staffing plan, or complete a listing using the suggested format below, of the professional (technical) full-time equivalents (FTE) applied to the radioactive materials program by individual. Include the name, position, and, for Agreement States, the fraction of time spent in the following areas: administration, materials licensing and compliance, emergency response, low-level radioactive waste, uranium recovery, other. If these regulatory responsibilities are divided between offices, the table should be consolidated to include all personnel contributing to the radioactive materials program.

If consultants were used to carry out the program's radioactive materials responsibilities, include their efforts. The table heading should be:

<u>Name</u>	<u>Position</u>	<u>Area of Effort</u>	<u>FTE%</u>
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4. Please provide a listing of all new professional personnel hired into your radioactive materials program since the last review, indicate the date of hire; the degree(s) they received, if applicable; additional training; and years of experience in health physics or other disciplines, as appropriate.
5. Please list all professional staff who have not yet met the qualification requirements for a radioactive materials license reviewer or inspector. For each, list the courses or equivalent training/experience they need and a tentative schedule for completion of these requirements.
6. Identify any changes to your qualification and training procedure that occurred during the review period.
7. Please identify the technical staff that left your radioactive materials program during the review period and indicate the date they left.
8. List any vacant positions in your radioactive materials program, the length of time each position has been vacant, and a brief summary of efforts to fill the vacancy.
9. For Agreement States, does your program have an oversight board or committee which provides direction to the program and is composed of licensees and/or members of the public? If so, please describe the procedures used to avoid any potential conflict of interest.

## II. Status of Materials Inspection Program

10. Please identify individual licensees or categories of licensees the State is inspecting less frequently than called for in NRC's Inspection Manual Chapter (IMC) 2800 and explain the reason for the difference. The list only needs to include the following information: license category or licensee name and license number, your inspection interval, and rationale for the difference.

**None.**

11. Please provide the number of routine inspections of Priority 1, 2, and 3 licensees, as defined in IMC 2800 and the number of initial inspections that were completed during each year of the review period.

**See Attachment 11.A. (Routine Inspections)**

**See Attachment 11.B. (Initial Inspections)**

12. Please submit a table, or a computer printout, that identifies inspections of Priority 1, 2, and 3 licensees and initial inspections that were conducted overdue.

**None.**

At a minimum, the list should include the following information for each inspection that was conducted overdue during the review period:

- (1) Licensee Name
- (2) License Number
- (3) Priority (IMC 2800)
- (4) Last inspection date or license issuance date, if initial inspection
- (5) Date Due
- (6) Date Performed
- (7) Amount of Time Overdue
- (8) Date inspection findings issued

13. Please submit a table or computer printout that identifies any Priority 1, 2, and 3 licensees and initial inspections that are currently overdue, per IMC 2800. At a minimum, the list should include the same information for each overdue inspection provided for Question 12 plus your action plan for completing the inspection. Also include your plan for completing the overdue inspections.

**None.**

14. Please provide the number of reciprocity licensees that were candidates for inspection per year as described in IMC 1220 and indicate the number of reciprocity inspections of candidate licensees that were completed each year during the review period.

**Note: The Department issues reciprocity approval for a 365 day period beginning on the day of issuance, not for a calendar year.**

**See Attachment 14.**

III. Technical Quality of Inspections

15. What, if any, changes were made to your written inspection procedures during the reporting period?

**No changes. The department continues to use the NRC's Inspection Procedures as modified (references to the NRC changed to the ND Department of Health).**

**New inspection report forms have been created and existing forms updated.**

16. Prepare a table showing the number and types of supervisory accompaniments made during the review period.

Inspector	Supervisor(s)	License Category	Health & Safety	Increased Controls	Date
David Stradinger	Dale Patrick	Portable Gauge	Yes	No	10/28/13

David Stradinger	Dale Patrick/Terry O'Clair	Research & Development (Broad Scope)	Yes	Yes	1/28/14
David Stradinger	Dale Patrick	Industrial Radiography	Yes	Yes	9/15/14
David Stradinger	Dale Patrick	Decontamination/Decommissioning	Yes	No	9/19/14
David Stradinger	Dale Patrick	Portable/Fixed Gauge	Yes	No	10/27/14
David Stradinger	Dale Patrick	Research & Development (Broad Scope)	Yes	Yes	12/4/14
Karen Deibert	David Stradinger	Industrial Radiography	Yes	Yes	12/16/14
Karen Deibert	David Stradinger	Portable/Fixed Gauge	Yes	No	12/17/14
Karen Deibert	David Stradinger	Industrial Radiography	Yes	Yes	1/28/15
Karen Deibert	Dale Patrick	Industrial Radiography	Yes	Yes	3/31/15
David Stradinger	Dale Patrick	Portable Gauge	Yes	No	4/22/15

17. Describe or provide an update on your instrumentation, methods of calibration, and laboratory capabilities. Are all instruments properly calibrated at the present time? Were there sufficient calibrated instruments available throughout the review period?

**Calibration of survey instruments, pocket dosimeters and alarming ratemeters is performed by authorized vendors. All radiation detection instruments are current in calibration. The calibrations are performed on alternate schedules as to maintain an adequate number and type of instruments at all times. Please refer to Attachment 17 for the list of radiation detection instruments.**

IV. Technical Quality of Licensing Actions

18. How many specific radioactive material licenses does your program regulate at this time?

NRC Primary Code	NRC Secondary Code	License Type	Inspection Priority	Number
01100	01000	RD	3	2
02120		ME	3	7
02121		ME1	5	3
02220		MN	3	1
02230		ME	2	2
02230	02120	ME	2	2

02500		NP	2	1
03110		WL	3	1
03111		WL	3	1
03111		WL1	3	1
03111	01000	WL	3	1
03120		FG	5	17
03120	03121	FG/PG	5	13
03121		PG	5	21
03122		XRF	5T	6
03212		MC	2	1
03221	03220	TC2	5	1
03234		WP	2	1
03234	03219	DC	2	1
03320	01000	IR	1	13
03510	01000	ID	1	1
03511	01000	ID1	5	1
<b>Total</b>				<b>98</b>

19. Please identify any major, unusual, or complex licenses which were issued, received a major amendment, were terminated, decommissioned, submitted a bankruptcy notification or renewed in this period.

<b>Complex Licenses Issued or Amended</b>		
<b>Licensee</b>	<b>License Number</b>	<b>Action</b>
North Dakota State University	33-06769-06	Renewed
University of North Dakota	33-12828-01	Amended

<b>License Terminations</b>		
<b>Licensee</b>	<b>License Number</b>	<b>Termination Date</b>
PRACHS Institute, LLC	33-42030-01	6/28/13
C & Js NDT, Inc.	33-35523-01	8/29/13
Interstate Engineering, Inc.	33-38909-01	2/4/14
Datalog LWT, Inc.	33-51710-01	5/9/14
Minot State University	33-45808-01	5/12/14
Weatherford US, LP	33-50924-01	5/29/14
Steele Testing, Inc.	33-49619-01	10/17/14
DYAD Environmental, LLC (TENORM)	33-52221-01	11/13/14
Innovative Environmental Consultants, Inc.	33-38516-01	1/6/15

Newly Issued Licenses – See Attachment 19

20. Discuss any variances in licensing policies and procedures or exemptions from the regulations granted during the review period.

**None.**

21. What, if any, changes were made in your written licensing procedures (new procedures, updates, policy memoranda, etc.) during the reporting period?

**New licensing review documents (forms and checklists) were created and existing documents updated. Licensing procedures are continually being updated/revised as needed.**

22. Identify by licensee name and license number any renewal applications that have been pending for one year or more. Please indicate why these reviews have been delayed and describe your action plan to reduce the backlog.

**None.**

V. Technical Quality of Incident and Allegation Activities

23. For Agreement States, please provide a list of any reportable incidents not previously submitted to NRC (See Procedure SA-300, *Reporting Material Events*, for additional guidance, OMB clearance number 3150-0178). The list should be in the following format:

**All reportable incidents have been submitted to the NRC as required. With the exception of the event notification submitted June 1, 2015, all the department's events submitted to NMED are closed.**

<u>Licensee Name</u>	<u>License #</u>	<u>Date of Incident/Report</u>	<u>Type of Incident</u>
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24. Identify any changes to your procedures for responding to incidents and allegations that occurred during the period of this review.

**New allegations response forms have been created.**

C. **NON-COMMON PERFORMANCE INDICATORS**

I. Compatibility Requirements

25. Please list all currently effective legislation that affects the radiation control program. Denote any legislation that was enacted or amended during the review period.

26. Are your regulations subject to a "Sunset" or equivalent law? If so, explain and include the next expiration date for your regulations.

27. Please review and verify that the information in the enclosed State Regulation Status (SRS) sheet is correct. For those regulations that have not been adopted by the State, explain why they were not adopted, and discuss actions being taken to adopt them. If legally binding requirements were used in lieu of regulations and they have not been reviewed by NRC for compatibility, please

describe their use.

28. If you have not adopted all amendments within three years from the date of NRC rule promulgation, briefly describe your State's procedures for amending regulations in order to maintain compatibility with the NRC, showing the normal length of time anticipated to complete each step.

II. Sealed Source and Device (SS&D) Evaluation Program

29. Prepare a table listing new and amended (including transfers to inactive status) SS&D registrations of sources and devices issued during the review period. The table heading should be:

SS&D Registry of <u>Number</u>	Manufacturer, Distributor or <u>Custom User</u>	Product Type or <u>Use</u>	Date Issued	Type Action
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**Not Applicable** 30. Please include information on the following questions in Section A, as they apply to the SS&D Program:

Technical Staffing and Training - Questions 2-9  
Technical Quality of Licensing Actions - Questions 18-22  
Technical Quality of Incident and Allegation Activities - Questions 23-24

**Not Applicable**

III. Low-level Radioactive Waste Disposal Program

31. Please include information on the following questions in Section A, as they apply to the Low-Level Radioactive Waste Disposal Program:

Technical Staffing and Training - Questions 2-9  
Status of Materials Inspection Program - Questions 10-14  
Technical Quality of Inspections - Questions 15-17  
Technical Quality of Licensing Actions - Questions 18-22  
Technical Quality of Incident and Allegation Activities - Questions 23-24

**Not Applicable**

IV. Uranium Recovery Program

32. Please include information on the following questions in Section A, as they apply to the Uranium Recovery Program:

Technical Staffing and Training - Questions 2-9  
Status of Materials Inspection Program - Questions 10-14  
Technical Quality of Inspections - Questions 15-17  
Technical Quality of Licensing Actions - Questions 18-22  
Technical Quality of Incident and Allegation Activities - Questions 23-24

**Not Applicable**





**Attachment 11.A - Routine Inspections**

LICENSE_NO	LICENSEE	INSP_COUNT	INSP_DATE	INSP_PRIORITY
33-53103-01	Blacktrail Environmental, Inc.	1	08-May-15	5T
33-11320-01	CHI St. Alexius Health	1	06-May-15	3
33-53124-01	GEM Engineering & Testing	1	22-Apr-15	5
33-10227-02	Sanford Medical Center - Fargo	1	14-Apr-15	2
33-14907-01	Midwest Industrial X-Ray, Inc.	2	13-Apr-15	1
33-48303-01	Braun Intertec Corporation	2	31-Mar-15	1
33-53306-01	Taney Engineering, Inc.	1	17-Mar-15	5
33-52510-01	Secure Energy Services USA, LLC	1	18-Feb-15	2
33-50701-01	Northland Nuclear Medicine, LLC	1	11-Feb-15	2
33-48313-01	TEAM Industrial Services, Inc.	1	28-Jan-15	1
33-51312-01	Global X-Ray & Testing Corporation	2	27-Jan-15	1
33-50024-01	American Piping Inspection, Inc.	2	21-Jan-15	1
33-48830-01	Nabors Completion & Production Services Co.	1	17-Dec-14	5
33-52915-01	Civil Science, Inc.	1	16-Dec-14	5
33-51220-01	Desert NDT, LLC	2	16-Dec-14	1
33-12827-01	University of North Dakota	2	04-Dec-14	3
33-50415-01	Acuren Inspection, Inc.	2	25-Nov-14	1
33-16822-01	Baker Hughes Oilfield Operations, Inc.	1	24-Nov-14	5
33-50825-01	Liberty Oilfield Services, LLC	1	27-Oct-14	5
33-09128-01	Great River Energy - Coal Creek Station	1	21-Oct-14	5
33-48303-01	Braun Intertec Corporation	2	21-Oct-14	1
59-08-01	Olsson Associates	2	20-Oct-14	5
33-52502-01	Thomas, Dean & Hoskins, Inc.	1	20-Oct-14	5
33-06828-01	Mercy Hospital	1	15-Oct-14	3
33-16216-01	Arrow-Tech, Inc.	2	14-Oct-14	5
33-39219-01	Southeastern North Dakota Community Action Agency	1	01-Oct-14	5T

**Attachment 11.A - Routine Inspections**

33-51006-01	Clean Harbors Environmental Services, Inc.	1	19-Sep-14	3
33-32610-01	Ewer Testing & Inspection, Inc.	2	15-Sep-14	1
L06554	Furmanite America, Inc	2	09-Sep-14	1
LA-2970-L01	H & H X-Ray Services, Inc	2	09-Sep-14	1
33-52227-01	Hi-Tech Testing Service, Inc	2	27-Aug-14	1
33-02604-01	Innovis Health, LLC	1	19-Aug-14	3
33-51312-01	Global X-Ray & Testing Corporation	1	15-Jul-14	1
33-42824-01	Sanjel (USA), Inc.	1	15-Jul-14	5
33-51627-01	Allied Engineering Services, Inc.	1	09-Jul-14	5
33-52419-01	Geo-Technology Associates, Inc.	1	09-Jul-14	5
33-52311-01	Keane Frac ND, LLC	1	08-Jul-14	5
33-06568-03	Tesoro Refining & Marketing Company, LLC	1	01-Jul-14	5
33-52122-01	Paramount NDT, LLC	2	26-Jun-14	1
33-41919-01	Bismarck Cancer Center	1	18-Jun-14	2
33-48929-01	Tervita, LLC	1	12-Jun-14	2
33-00043-05	Sanford Medical Center - Bismarck	1	28-May-14	3
33-11325-01	DMS Health Technologies	1	28-May-14	3
33-01599-03	Altru Health System	1	14-May-14	2
33-52012-01	Wenck Associates, Inc.	1	13-May-14	5
33-39303-01	Community Action Partnership - Minot Region	1	09-May-14	5T
33-06769-06	North Dakota State University	2	14-Apr-14	3
33-35507-01	Heart Institute of North Dakota, Ltd.	1	11-Apr-14	5
33-13652-01	Varco L.P.f/k/a Tuboscope Vetco International, Inc.	1	03-Apr-14	5
33-48303-01	Braun Intertec Corporation	2	27-Mar-14	1
33-14907-01	Midwest Industrial X-Ray, Inc.	2	17-Mar-14	1
33-00502-02	Halliburton Energy Services	1	11-Feb-14	5

**Attachment 11.A - Routine Inspections**

33-10108-03	Schlumberger Technology Corporation	1	11-Feb-14	3
33-32610-01	Ewer Testing & Inspection, Inc.	2	29-Jan-14	1
33-12827-01	University of North Dakota	2	28-Jan-14	3
33-43520-01	Cancer Center of North Dakota	1	14-Jan-14	2
33-09908-01	Midwest Radiation Physicists	1	13-Jan-14	5
33-50024-01	American Piping Inspection, Inc.	1	19-Dec-13	1
33-48313-01	TEAM Industrial Services, Inc.	2	18-Dec-13	1
33-51312-01	Global X-Ray & Testing Corporation	2	19-Nov-13	1
33-01112-01	Minnkota Power Cooperative, Inc.	1	07-Nov-13	5
33-49619-01	Steele Testing Inc	2	04-Nov-13	1
11-27637-01	ALLWEST Testing & Engineering, LLC	1	28-Oct-13	5
33-51220-01	Desert NDT, LLC	1	25-Oct-13	1
33-15202-01	Braun Intertec Corporation	1	25-Oct-13	1
33-51417-01	Tops Well Services, LLC	1	22-Oct-13	5
33-38908-01	Interstate Engineering, Inc.	1	18-Oct-13	5
33-39306-01	Legend Technical Services, Inc.	1	17-Oct-13	5T
33-39130-01	Community Action Region VI	1	17-Oct-13	5T
33-11816-01	Otter Tail Power Company	1	17-Oct-13	5
33-39220-01	Red River Valley Community, Region IV	1	17-Oct-13	5T
33-08310-01	West River Health Services	1	09-Oct-13	3
33-51220-01	Desert NDT, LLC	2	10-Sep-13	1
42-29354-01	Weldsonix, Inc.	1	09-Sep-13	5
33-50415-01	Acuren Inspection, Inc.	2	09-Sep-13	1
LA-11238-L01	Quality Inspection & Testing, Inc	1	09-Sep-13	1
33-51227-01	Basin Electric Power Cooperative-Leland Olds Stat.	1	06-Sep-13	5
33-50924-01	Weatherford US, LP	1	08-Aug-13	5

### Attachment 11.A - Routine Inspections

33-11311-01	Material Testing Services, LLC	1	06-Aug-13	5
33-51120-01	Estvold Oilfield Services, Inc.	1	30-Jul-13	5
33-10911-03	Basin Electric Power Cooperative	1	17-Jul-13	5
33-14725-01	Pioneer Wireline Services	1	09-Jul-13	3
33-48922-01	University of North Dakota	1	25-Jun-13	2
33-06507-01	Mercy Medical Center	1	04-Jun-13	3
33-50825-01	Liberty Oilfield Services, LLC	1	03-Jun-13	5
33-46901-01	Weatherford International, LLC	1	03-Jun-13	3
33-51710-01	Datalog LWT Inc.	1	31-May-13	3
33-15327-01	Dakota Gasification Company	1	16-May-13	5
33-50720-01	Cudd Pressure Control, Inc	1	02-May-13	5

Total

114

**Attachment 11.B - Initial Inspections**

INSP_PRIOR	LIC_TYPE	LICENSEE	FEE_TYPE	ORIGINAL_ISSUE	INSP_DATE
1	IR	Code Inspection & Testing - South	3.O	17-Apr-15	
1	IR	American Engineering Testing, Inc.	3.O	3-Mar-15	
1	IR	H & H X-Ray Services, Inc.	3.O	25-Feb-15	
2	WP	Philotechnics, Ltd.	4.B	20-Feb-15	
5T	XRF	Blacktrail Environmental, Inc.	3.P.1	12-Jun-14	8-May-15
5	PG	GEM Engineering & Testing	3.P	23-May-14	22-Apr-15
5	PG	Taney Engineering, Inc.	3.P	19-May-14	17-Mar-15
5	PG	Civil Science, Inc.	3.P	08-Apr-14	16-Dec-14
5	PG	Holly Beck Surveying & Engineering, Inc.	3.P	28-Mar-14	Set new inspection date as licensee has not possessed licensed material since issue of license
2	DC	Secure Energy Services USA, LLC	19	28-Feb-14	18-Feb-15
5	PG	Thomas, Dean & Hoskins, Inc.	3.P	25-Oct-13	20-Oct-14
5	PG	Geo-Technology Associates, Inc.	3.P	15-Oct-13	9-Jul-14
5	PG	Allied Engineering Services, Inc.	3.P	07-Oct-13	9-Jul-14
5	FG/PG	Keane Frac ND, LLC	3.P	12-Sep-13	8-Jul-14
1	IR	Hi-Tech Testing Service, Inc	3.O	06-Sep-13	27-Aug-14
1	IR	Paramount NDT, LLC	3.O	29-Aug-13	26-Jun-14
5	PG	Wenck Associates, Inc.	3.P	23-Aug-13	13-May-14
5	FG	Basin Electric Power Cooperative-Leland Olds Station	3.P	21-Sep-12	6-Sep-13
5	PG	Estvold Oilfield Services, Inc.	3.P	27-Aug-12	30-Jul-13

**Attachment 14 - Reciprocity Inspections**

INSP_PRIOR	LIC_TYPE	LICENSEE	NRC_CODE	NRC_Code2	EXPIRYDATE	EFFECT_DATE	HEALTH & SAFETY INSP	IC INSP
3	WL1	Halliburton Energy Services, Inc.	03111		18-May-16	19-May-15		
1	IR	Eagle Inspection, LLC	03320	01000	25-Jan-16	26-Jan-15		
1	IR	Statewide Maintenance dba Diamond G Inspection	03320	01000	19-Jan-16	20-Jan-15		
3	WL	Spectrum Tracer Services, LLC	03110		22-Dec-15	23-Dec-14		
1	DC	Lotus, LLC	03900		12-Dec-17	12-Dec-14		
3	WL	ProTechnics, Division of Core Laboratories LP	03110		23-Oct-15	24-Oct-14		
1	IR	Shaw Pipeline Services, Inc.	03320	01000	23-Oct-15	24-Oct-14		
1	IR	Applus RTD USA, Inc.	03320	01000	21-Oct-15	22-Oct-14		
1	IR	Olsson Associates	03320	01000	09-Oct-15	10-Oct-14	20-Oct-14	20-Oct-14
1	IR	Mistras Group, Inc.	03320	01000	11-Sep-15	12-Sep-14		
1	IR	National Inspection Services, LLC	03320	01000	25-Aug-15	25-Aug-14		
1	IR	Quality Inspection & Testing, Inc	03320	01000	11-Aug-15	12-Aug-14	09-Sep-13	09-Sep-13
3	WL	Century Geophysical Corporation	03110		03-Aug-15	04-Aug-14		
1	IR	SGS North America, Inc. Industrial Division	03320	01000	30-Jun-15	01-Jul-14		
1	IR	JANX Integrity Group	03320	01000	15-Jun-15	16-Jun-14		
1	IR	Furmanite America, Inc	03320	01000	22-Apr-15	23-Apr-14	09-Sep-14	09-Sep-14

**Attachment 14 - Reciprocity Inspections**

1	IR	Code Inspection & Testing Co. - South	03320	01000	21-Feb-15	07-Feb-14		
3	WL1	Baker Hughes Oilfield Oprs., Inc. dba Baker INTEQ	03111		09-Sep-14	10-Sep-13		
3	WL	ThruBit LLC	03110		26-Aug-14	27-Aug-13		
1	IR	DBI, Inc. (Last inspected on 11-Apr-12)	03320	01000	23-Aug-14	24-Aug-13		
1	IR	H & H X-Ray Services, Inc	03320	01000	27-Dec-14	20-Aug-13	09-Sep-14	09-Sep-14
1	IR	Accurate NDE & Inspection, LLC	03320	01000	19-Aug-14	20-Aug-13		
1	IR	Weldsonix, Inc.	03320	01000	30-Jul-14	31-Jul-13	09-Sep-13	09-Sep-13
2	WP	Philotechnics, Ltd.	03234		13-Jun-14	14-Jun-13		
1	IR	Hi-Tech Testing Service, Inc.	03320	01000	30-Dec-13	31-Dec-12		
3	WL	RECON Petrotechnologies, Inc	03110	01000	18-Dec-13	19-Dec-12		

**Attachment 17 - Radiation Detection Instruments**

Manufacturer	Model Number	Type	Serial Number	Alpha	Beta	Gamma	Neutron
Ludlum	9DP	Pressurized Ion Chamber	25003213	x	x	x	
Ludlum	9DP	Pressurized Ion Chamber	25006977	x	x	x	
Victoreen	450P	Pressurized Ion Chamber	6653	x	x	x	
Keithley	36150	Ion Chamber	36150			x	
Ludlum	19	MicroR Meter	270378			x	
Ludlum	19	MicroR Meter	66562			x	
Ludlum	193-6	MicroR Survey Wand	293578			x	
	44-132	Plastic Scintillator	PR317533			x	
Ludlum	2401S	MicroR Meter	299868			x	
Ludlum	26	"Frisker" Pancake Meter	PF002907	x	x	x	
Ludlum	2241-3	Scaler/Ratemeter	248119				
	133-7	GM Detector	PR244066			x	
	44-9	Pancake GM Detector	PR267409	x	x	x	
	44-2	Nal Gamma Scintillator	PR267956			x	
	44-21	Beta/Gamma Scintillator	PR057721		x	x	
Ludlum	2241-3	Scaler/Ratemeter	284091				
	133-7	GM Detector	PR305242			x	
	44-9	Pancake GM Detector	PR306185	x	x	x	
	44-2	Nal Gamma Scintillator	PR304796			x	
Ludlum	2221	Scaler/Ratemeter, SCA	68541				
	44-1	Beta Scintillator	PR057932		x		
	44-2	Nal Gamma Scintillator	PR019397			x	
	44-7	Thin Window GM Detector	PR057933	x	x	x	
	3103/3	Adaptor	RN010289				
	43-10	Alpha Sample Counter Head	PR057931	x			
	180-4	Sample Holder	PR057930				
	AC3-7	Alpha Scintillator	H16480	x			
NDS Products	ND2000	Survey Meter	73984			x	
NDS Products	ND2000	Survey Meter	73985			x	
Thermo Fischer	fieldSPEC	Isotope Identifier	03F3-1712				
Canberra	Dineutron	Neutron Survey Meter	18327				x



**Attachment 17 - Radiation Detection Instruments**

Arrow-Tech	W138	Pocket Dosimeters	234466	x
			234467	x
			234468	x
			234469	x
			024010	x
			024015	x
			024016	x
			024019	x
			024024	x
NDS Products	RA-500	Alarming Ratemeters	65606	x
			65607	x
			65608	x

**Attachment 19 - Newly Issued Licenses**

INSP_PRIOR	LIC_TYPE	LICENSEE	FEE_TYPE	ORIGINAL_ISSUE
1	IR	Code Inspection & Testing - South	3.O	17-Apr-15
1	IR	American Engineering Testing, Inc.	3.O	3-Mar-15
1	IR	H & H X-Ray Services, Inc.	3.O	25-Feb-15
2	WP	Philotechnics, Ltd.	4.B	20-Feb-15
5T	XRF	Blacktrail Environmental, Inc.	3.P.1	12-Jun-14
5	PG	GEM Engineering & Testing	3.P	23-May-14
5	PG	Taney Engineering, Inc.	3.P	19-May-14
5	PG	Civil Science, Inc.	3.P	08-Apr-14
5	PG	Holly Beck Surveying & Engineering, Inc.	3.P	28-Mar-14
2	DC	Secure Energy Services USA, LLC	19	28-Feb-14
5	PG	Thomas, Dean & Hoskins, Inc.	3.P	25-Oct-13
5	PG	Geo-Technology Associates, Inc.	3.P	15-Oct-13
5	PG	Allied Engineering Services, Inc.	3.P	07-Oct-13
5	FG	Keane Frac ND, LLC	3.P	12-Sep-13
1	IR	Hi-Tech Testing Service, Inc	3.O	06-Sep-13
1	IR	Paramount NDT, LLC	3.O	29-Aug-13
5	PG	Wenck Associates, Inc.	3.P	23-Aug-13