Agenda

Introductions
Overview of ISO 14001:2015 Transition Timeline & Requirements
Transition from an Auditor Perspective
Transition from a Client Perspective
NSF-ISR Tools
Summary/Next Steps
Questions
Introduction

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Lead Auditor Certifications: ISO 14001; ISO 9001; OHSAS 18001; RC 14001; RCMS

Bilingual in English/Spanish
Se habla Español
Introduction

Charles Ziegmont
City of Tallahassee
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NSF International is a global, independent, public health and safety organization.

Our mission and focus has always been protecting and improving human health.
Management Systems Registration Services

- **AUTOMOTIVE**
  - ISO/TS 16949 (IATF 16949)
- **AEROSPACE**
  - AS9100, AS9110, AS9120
- **MANUFACTURING**
  - ISO 9001
- **BUSINESS**
  - ISO 14001, OHSAS 18001 (ISO 45001)
- **ENVIRONMENTAL HEALTH & SAFETY**
  - ISO 14001, OHSAS 18001 (ISO 45001)
- **ENERGY MANAGEMENT**
  - ISO 50001
- **INFORMATION SECURITY**
  - ISO 27001, ISO 20000
- **CHEMICAL**
  - RC14001®, RCMS®
- **MEDICAL DEVICES**
  - ISO 13485
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Overview of ISO 14001:2015 Transition Timeline & Requirements

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Benefits of ISO 14001:2015

- Environmental Risk & Opportunity Based Decisions
- Life-cycle Perspective
- Supports Improved Regulatory Compliance
- Increases leadership involvement
- Increases engagement of employees
- Improve company reputation/ Stakeholder confidence
- Incorporates environmental issues into business decisions
- Provide a competitive and financial advantage
- Encourage better environmental performance of suppliers
NSF-ISR Transition Timeline Requirements ISO 14001:2015

2017 – Target year for transition to ISO 14001:2015 – Schedule now

September 15, 2017, last date for:
- Current clients will be allowed to re-certify to ISO 14001:2004
- New client organizations may become registered to ISO 14001:2004

June 15, 2018: All clients should have upgrades scheduled and completed in order to allow for corrective actions and CB Reviews to be completed.

September 14, 2018: All NSF-ISR clients registered to ISO 14001: 2004 will be required to “upgrade” to ISO 14001:2015.
ISO 14001 Revision Feedback

As predicted, the **only significant spike** is in new clauses released to:
- Context of the organization
- Understanding the needs and expectations of interested parties
- Actions to address risks and opportunities.
- ‘Life-Cycle Perspective’

There are also CARs related to the changes to previous requirements (Ex: Management Review & Competence).

Several clients **thought they were prepared**, only to find that their EMS was **not fully ready for the transition audit** when the scheduled audit started.

NSF has issued **ISO 14001:2015 certificates to 10%** of ‘early adopter clients’.

NSF’s Readiness Tool & DELTA Checklist helps organizations gage their readiness for transition, identify gaps & document continual improvement.

Some early adopters **initially questioned** the value of the new ISO 14001:2015 standard, however, after engaging ‘Top Management’ they have found stronger support & are moving towards more ‘sustainable’ integrated business model.
Have you Scheduled Your Transition Audit to ISO 14001:2015?

> Yes
> No
> Unsure
Questions to Audience

Have you briefed your top management on ISO 14001:2015?

> Yes
> No
> Unsure
Summary of Transition Audits 14001:2015
Corrective Action Category

- No CARs: 46%
- Minor: 45%
- Major: 9%
Environmental Management System System Clauses

1. Scope
2. Normative References
3. Terms & Definitions
4. Context of Organization
5. Leadership
6. Planning
7. Support
8. Operation
9. Performance Evaluation
10. Improvement
ISO 14001:2015 Documented Information

4.3 Determining the scope of the environmental management system...

5.2 Environmental Policy

6.1 Actions to address risk & opportunities

6.1.2 Environmental Aspects

6.1.3 Compliance Obligations

6.2.1 Environmental Objectives

7.4.1 Communication

7.5.1 Documented Information

8.1 Operational Planning & Control

8.2 Emergency Preparedness & Response

9.1.1 Monitoring, Measurement, analysis & evaluation

9.1.2 Evaluation of Compliance

9.2.2 Internal Audit Program

9.3 Management Review
Minor CARs January - October 2016

Clause 4.1: Understanding Organization & Context - 5%
Clause 4.2: Understanding Needs & Expectations of Interested Parties - 10%
Clause 5.2: Environmental Policy - 5%
Clause 6.1.2: Environmental Aspects - 10%
Clause 6.1.3: Compliance Obligations - 5%
Clause 6.2.2: Environmental objectives - 14%
Clause 7.5.2: Creating & Updating Documented Information - 5%
Clause 7.5.3: Control of Documented Information - 10%
Clause 8.1 Operational Planning & Control - Life Cycle - 19%
Clause 9.1.1: Performance Evaluation - 5%
Clause 9.2.1: Internal Audit - Objectivity - 5%
Clause 9.2: Internal Audit - Planned & Conducted - 5%
Clause 9.3: Management Review - 5%
Environmental Management System ISO 14001:2015
Minor CARs January - October 2016

4 Context of Organization

4.1 Understanding the Organization & its Context
4.2 Understanding Needs & Expectations of Interested Parties
4.3 Determining Scope of the Environmental Management Systems
4.4 Environmental Management Systems

<table>
<thead>
<tr>
<th>Environmental Management System ISO 14001:2015</th>
<th>Description</th>
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<tbody>
<tr>
<td>Detail Minor CARs January - October 2016</td>
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<td>67%</td>
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Environmental Management System ISO 14001:2015
Minor CARs January - October 2016

5 Leadership

5.1 Leadership & Commitment
5.2 Environmental Policy
5.3 Organizational roles, responsibilities & authorities

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<th>Environmental Management System ISO 14001:2015</th>
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<td>Detail Minor CARs January - October 2016</td>
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Clause 4: Context of Organization, 14%
Clause 5: Leadership, 5%
Clause 6: Planning, 29%
Clause 7: Support, 14%
Clause 8: Operation, 19%
Clause 9: Performance Evaluation, 19%
6 Planning

6.1 Actions to Address Risk & Opportunities
   6.1.1 General
   6.1.2 Environmental Aspects
   6.1.3 Compliance Obligations
   6.1.4 Planning Actions

6.2 Environmental Objectives & Planning to Achieve
   6.2.1 Environmental Objectives
   6.2.2 Planning Actions to Achieve Env Objective

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<td>6.2.2</td>
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Environmental Management System ISO 14001:2015
Minor CARs January - October 2016

7. Support

7.1 Resources
7.2 Competence
7.3 Awareness
7.4 Communication
7.5 Documented Information

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<tr>
<td>Clause 4: Context of Organization</td>
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<td>Clause 5: Leadership</td>
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<td>Clause 6: Planning</td>
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<td>Clause 7: Support</td>
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<td>Clause 8: Operation</td>
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<tr>
<td>Clause 9: Performance Evaluation</td>
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Environmental Management System ISO 14001:2015
Detail Minor CARs January - October 2016

25% 7.5.2 Creating & Updating Documented Information
75% 7.5.3 Control of Documented Information
Roll-Up Minor CARs January - October 2016

Clause 4: Context of Organization, 14%

Clause 5: Leadership, 5%

Clause 6: Planning, 29%

Clause 7: Support, 14%

Clause 8: Operation, 19%

Clause 9: Performance Evaluation, 19%

8.1 Operational planning and control

The organization shall establish, implement, control and maintain the processes needed to meet environmental management system requirements, and to implement the actions identified in 6.1 and 6.2, by:

— establishing operating criteria for the process(es);
— implementing control of the process(es), in accordance with the operating criteria.

NOTE Controls can include engineering controls and procedures. Controls can be implemented following a hierarchy (e.g., elimination, substitution, administrative) and can be used individually or in combination.

The organization shall control planned changes and review the consequences of unintended changes, taking action to mitigate any adverse effects, as necessary.

The organization shall ensure that outsourced processes are controlled or influenced. The type and extent of control or influence to be applied to the process(es) shall be defined within the environmental management system.

Consistent with a life cycle perspective, the organization shall:

a) establish controls, as appropriate, to ensure that its environmental requirement(s) is (are) addressed in the design and development process for the product or service, considering each life cycle stage;

b) determine its environmental requirement(s) for the procurement of products and services, as appropriate;

c) communicate its relevant environmental requirement(s) to external providers, including contractors;

d) consider the need to provide information about potential significant environmental impacts associated with the transportation or delivery, use, end-of-life treatment and final disposal of its products and services.

The organization shall maintain documented information to the extent necessary to have confidence that the processes have been carried out as planned.

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<td>8.1</td>
<td>Operational Planning &amp; Control - Life Cycle Perspective</td>
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9 Performance Evaluation

9.1 Monitoring, measurement, analysis, & evaluation
9.2 Internal Audits
9.3 Management Review

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<th>Clause</th>
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<th>Description</th>
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<td>9.1.1</td>
<td>29%</td>
<td>Performance Evaluation</td>
</tr>
<tr>
<td>9.2</td>
<td>29%</td>
<td>Internal Audit - Planned &amp; Conducted</td>
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<tr>
<td>9.2.1</td>
<td>29%</td>
<td>Internal Audit - Objectivity</td>
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<td>9.3</td>
<td>14%</td>
<td>Management Review</td>
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Environmental Management System ISO 14001:2015
Major CARs January - October 2016

MAJOR NONCONFORMANCE

6.2: Environmental Objectives & Planning to Achieve Them
“The organization shall establish environmental objectives...taking into account significant environmental aspects...considering risks & opportunities...”

10.3 Continual Improvement
“The Organization shall continually improve the suitability, adequacy, & effectiveness of the environmental management system to enhance environmental performance.”

Linked to several Minors
(4.2, 5.2, 6.1.2, 6.2.2, 7.5.3, 8.1, 9.2)
Major Nonconformances - Timing

Major

✓ **Responsible** for effectively closing any and all minor nonconformities.
✓ **Corrective Action Plan:** Submitted in **30 days** from the closing meeting.
✓ **A corrective action plan shall include** (at minimum) the following:
  - Containment - Implemented correction taken & effective
  - Root cause analysis
  - Investigation to determine if the problem exist elsewhere in the system
  - Correction
  - Corrective action plan
  - Responsible person(s) with Implementation timing.
  - Date of expected completion
  - Evidence of implementation is not required with the submittal of the plan.
✓ **Verification** of implementation shall be verified -- may include **On-site Verification Audit.**
✓ **Certification:** All corrective action responses and plans must be completed, submitted to NSF online system, and reviewed by NSF-ISR with status approval within 60 calendar prior to issuance.
NSF-ISR Customers Certified To ISO 14001
Cite Benefits of ISO 14001:2015

Is the transition to ISO 14001:2015 *worth the work*?

- Advantages of *Increased* Top Management Involvement
- Focus on Environmental Performance
- Increased Risk Based Thinking
- Integration of Risk-Based Thinking into Environmental Management System
- Integrating Environmental Management System into Main Business Functions
- Identification of Threats & Opportunities

*“It is clear that this is a transition worth making”*
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**Transition from an Auditor Perspective**

Transition from a Client Perspective

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NSF-ISR Auditor, Briana Sprague

Briana Sprague
NSF-ISR Auditor
Performs ISO 14001, R2, ISO 9001, and OHSAS 18001
What Went Well?

> Systems with strong management support and commitment have few problems with the leadership clauses

> Aspect process was already a risk-based exercise for most clients, providing a good foundation to build upon

> Provided an opportunity to simplify documentation
What was challenging?

> Life cycle perspective
> Context and interested parties
> Integration with strategic/business systems
> Internal auditors need to be objective and impartial
Suggestions & Ideas

- Documented Information
- Context and Interested Parties
- Leadership
- Risks and Opportunities
- Communication, Awareness and Competence
- Performance
- Improvement
Documented Information

There is misinformation out there that the documentation requirements are LESS than before...not LESS, but more flexible

➢ Documents are specifically required in certain clauses – get out your highlighters!

➢ Documented information determined by the organization as being necessary for the effectiveness of the EMS. Trickier – what evidence can we show that we determined that there is enough documentation...

➢ Many other areas of the standard require that processes be “Determined.” Training needs, context, interested parties, what/when/who to communicate, etc.

➢ See Note in 7.5.1 – size and complexity, demonstration of fulfillment of compliance obligations, competence of personnel. A very small company could be effective with minimal documentation.
Context and Interested Parties

> Scope – external and internal issues, compliance obligations, organizational boundaries, activities, products and services, authority and ability to exercise control and influence.
  – Examples – global environmental issues, cultural, social, political, competitive concerns
  – Issues? Interested parties? See the Annex A.4.1 and A.4.2 for help if you are stuck

> What are the interested parties’ needs and expectations? Perhaps we can interview them?
  – Example: industrial park, rented from University – may be obligations in tenant use agreements.
  – Other ideas: corporate requirements, industry standards, expectations of customers or the public
Example #1
Nonconformance from Transition Audit to ISO 14001:2015

Statement of Requirement: 4.1 and 4.2 The organization shall determine ... 4.1 ...external and internal issues that are relevant to this purpose and that affect the ability to achieve intended outcomes; 4.2 ...interested parties, relevant needs and expectations and which of these become compliance obligations.

Statement of Nonconformity: Context and needs and expectations of interested parties and have not been captured in the system. It is also unclear if the needs and expectations resulted in environmental aspects or compliance obligations. Note: management team was able to verbally describe the context, interested parties and their needs.
Leadership

> How will your leadership demonstrate this? Participation in determining requirements, town hall meetings, videos, memos, etc.

> Example: top management had a language barrier – company will have to be creative to prove involvement if no objective evidence.

> Ensure that the EMS is integrated with strategic direction. **One annual management review of only EMS is not going be enough.** How does the organization really manage the planning for capital projects, staffing, budgeting, etc.?
Risks and Opportunities

> Life Cycle approach – suggest mapping out the lifecycle in a diagram. Google has some examples!

> Opportunities have to be captured somewhere in the system – what could you do that you haven’t already done?
  > extend the aspects and obligations lists to include the risks and opportunities
  > Use of quad charts to show risks, opportunities and metrics, evaluations, etc.

> Objectives: the word “target” is no longer in the standard, however the objectives still need to be measurable, monitored, resources defined and integrated into business processes.
Example #3
Nonconformance from Transition Audit to ISO 14001:2015

Statement of Requirement: 6.1.2 Environmental aspects. The organization shall determine the environmental aspects ... and their associated environmental impacts, considering a life cycle perspective.

Statement of Nonconformity: Planning documented information, form XXX appears to be missing a few lifecycle-related aspects such as air emissions from test drives and transportation of equipment to/from Japan. Note: consider using the guidance in A6.2.1 to upgrade the form and facilitate the discussion.
Communication, Awareness and Competence

> Leadership has role in communication

> Ensure that communications enable contractors to contribute to CI

> Added nuance that awareness needs to include implications of not conforming with requirements including not fulfilling the organization’s compliance obligations

> Example – effluent pH logs collected by admin – she knows exactly what she is doing, but does she know why?
Performance and Improvement

- Environmental performance is emphasized and improvement is required. **Use risks and opportunities and objectives to drive improvement**

- Internal auditors **shall** be selected to ensure objectivity and impartiality

- Corrective Action - Evaluate the need for action in order that an issue doesn’t recur or occur elsewhere in the organization (extent of condition)

- Effectiveness of actions taken is still required. – this isn’t new, but it is a common weakness. **Did the actions taken actually fix the problems?**
Example #2
Nonconformance from Transition Audit to ISO 14001:2015

Statement of Requirement: 9.1.1 The organization shall monitor, measure and evaluate its environmental performance.

Statement of Nonconformity: Environmental indicators for significant aspects were captured on the form ENV-xyz however, other indicators for aspects such as energy use, air permit rolling average pollutants and weekly inspection results were not demonstrated to be measured & evaluated for environmental performance.
Suggestions for organizations planning to transition to ISO 14001:2015?

> Compare the old standard with the new standard

> Spend some time brainstorming about internal and external issues, interested parties. Cross function team!

> Interview interested parties for their needs and expectations & document
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NSF-ISR Client, City of Tallahassee

Charles Ziegmont
City of Tallahassee
Water/Wastewater Regulatory Compliance and Career Progression Coordinator
What Went Well?

For the City of Tallahassee, it was Leadership.

– Senior leaders are fully engaged with EMS from the start making transition easier
– We have monthly “mini” Management Review sessions with our Senior Leaders
What was challenging?

**Challenge One:**

Expanding our Aspect/Impact Analysis to encompass a life cycle perspective

- We turned to a process improvement tool known as SIPOC that is used by TQM (Total Quality Management) and Six Sigma
  - SIPOC stands for suppliers, inputs, process, outputs, and customers
  - A tabular tool that can be used to identify the life cycle aspects of a process at a high level and also be used to drill down deeper into a process that has significant impacts.
What was challenging?

Challenge Two:
Cross-walking our existing EMS to the new standard.

• Expanded our EMS Manual to serve as a “recipe” of how we meet the 2015 standard, section by section
Suggestions for organizations planning to transition to ISO 14001:2015?

Developing the EMS manual was a key process in ensuring we meet each section of the standard and it also serves as that “recipe” of how our EMS works which is helpful to new EMRS / Senior Leaders.
## Aspect / Impact Analysis

### CEP 01 9.2 Suppliers, Inputs, Process, Outputs, Customer (SIPOC) model: A form to identify and achieve the intended outcomes of process(es), prevent or reduce undesired effects, achieve continual improvement and provide a life-cycle assessment.

### Underground Utilities and Public Infrastructure Environmental Management System

#### Last update: 8/18/16

<table>
<thead>
<tr>
<th>Objective</th>
<th>Improving our environment and quality of life by providing safe, reliable and efficient utility services.</th>
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<tbody>
<tr>
<td>Targets</td>
<td>To be determined annually by the EMS Core Team, through the Monitoring and Measuring</td>
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#### Key Performance Measures and intended Outcomes of Activities, Products and Services

- Sanitary Sewer Overflows (SSOs) and Back-ups
- Effluent and Bio-Solids Quality
- Drinking Water Quality
- Gas Sales growth
- Employee Safety
- Employee Engagement
- Conformance to ISO 14001
- Stormwater conveyance

#### Customer & Business Requirements

- Safe Drinking Water
- Prevent Sewer Backups/Spills
- Regulatory Compliance (CEP-02)
- Reliable Utilities

#### Process Name: N/A

<table>
<thead>
<tr>
<th>Leads Responsible for Process Steps</th>
<th>Potter</th>
<th>Buss</th>
<th>Mayfield</th>
<th>Cheatham</th>
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<tr>
<td>Process Title</td>
<td>Wastewater Collections</td>
<td>Water and Gas Distribution</td>
<td>Streets &amp; Drainage</td>
<td>Water Production and Lab</td>
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<tr>
<td></td>
<td>Natural Gas Operations</td>
<td>Wastewater Treatment</td>
<td>Pumping Stations</td>
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</tr>
<tr>
<td>Process Summary</td>
<td>Ensure the proper and efficient collection of wastewater from COT customers for transmission to the wastewater treatment facility.</td>
<td>Ensure the safe and efficient distribution of drinking water, natural gas, promote conservation, growth through sales.</td>
<td>Stormwater drainage, Asphalt and Paving repair, and signage.</td>
<td>Ensure the proper and efficient collection of wastewater from COT customers for transmission to the wastewater treatment facility.</td>
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<td>Ensure the safe and efficient treatment of natural gas, promote growth through sales.</td>
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<td>Provide support to operations through information and technology.</td>
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#### Key Activities of Key Process Steps

- Debris management / Backfill material
- Inspection
- Repairs
- Customer service
- Debris management / Backfill material
- Inspections
- Repairs / Preventative Maint
- Hydrants
- Customer service
- Debris management / Backfill material
- Asphalt, Paving and Resurfacing
- Sign / Line Painting
- Street and Pond beautification
- Water Production and Storage
- Aquifer Protection
- Lab analysis
- Pre-Treatment
- Cross Connection
- Valves
- Corrosion Prevention
- Biological treatment
- Maintenance and Repairs
- Call-outs
- Effluent Disposal
- SCADA Monitoring

#### Suppliers

- Equipment
- Chemicals
- Training

#### Inputs

- Raw materials
- Chemicals
- Equipment & Materials (Piping, valves, pumps)
- Staffing

#### Customers

- COT utility customer
- Stakeholders/Int Parties
  - FDEP
  - FDOH
  - FDOT
  - COT Electric

#### Outputs

- Records/Reports (CEP-13)
- Line Locates
- Products
<table>
<thead>
<tr>
<th>Staffing</th>
<th>Customer service</th>
<th>Hydrants</th>
<th>Street and Pot Hole Beautification</th>
<th>Pre-Treatment</th>
<th>Cross Connection</th>
<th>Customer service</th>
<th>SCADA Monitoring</th>
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**Enablers / Key Supporters:**
- Senior Leadership
- Water Resource Engineering
- Administrative Services (UUPI)
- Technology and Innovation

**Key Activities:**
- Hiring
- Performance Evaluations

**Children Processes**

**Out-Sourced Activities for this Process**
- Manhole Adjustments
- Septic Haulers
- Hydrant Maintenance
- Road Closures
- Paving
- Landscaping
- Chemical Deliveries
- Taps
- Farming

**Risks and Opportunities relevant to our Mission that may impact our ability to achieve Intended Outcomes**
- Backup and Spill (Risks)
- Consent Order Non-Compliance (Risk)
- Pipe Bursting (Opp)
- Recycle Metal piping (OPP)
- Increase Customer Base (Opp)
- Spills (Risks)
- Permit Limits (Risk)
- Reuse, Bio-Soils (Opp)
- Odors (Risk)

**Environmental Aspects for all groups:**
- Fuel and Chemical storage
- Potential chemical spills
- Waste disposal

**Environmental Impacts of Key Activities**

<table>
<thead>
<tr>
<th>Wastewater Collections</th>
<th>Water and Gas Distribution</th>
<th>Streets &amp; Drainage</th>
<th>Water Production and Lab</th>
<th>Natural Gas Operations</th>
<th>Wastewater Treatment</th>
<th>Pumping Stations</th>
<th>Operational Controls that pertain to all UUPI</th>
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<tbody>
<tr>
<td>Suppliers/ Inputs</td>
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<td>Transformer Removal / disposal, Mercury Lamp disposal</td>
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<td>Confined Space Entry, Trending and Shoring, Hot Work Permits</td>
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**Emergency Call outs**
- Emergency Call outs
- Pivot Maintenance

**Energy/ Nat. Resources**
- Electricity / Lighting
- Fuel

**Storage of Product**
- Fuel, lubricants
- Bleach, Ammon, Methanol, Polymer
- Chlorine Gas
<table>
<thead>
<tr>
<th>PUBLIC HEALTH/ Public Perception</th>
<th>Suppliers/ Inputs</th>
<th>Processes</th>
<th>Outputs / Customers</th>
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<tr>
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<td>Backups, Overflows, Septic Pump Outs (PH)</td>
<td>POMI (PH)</td>
<td>Meter Leaks</td>
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<td>Street Signs</td>
<td>Road Closures, guard rails, curbs, etc</td>
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<td>Wildlife Mitigations (PP)</td>
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<th>Impacts from Change 6.1.2(C)</th>
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<th>Division Specific Operational Controls Not already Identified above</th>
<th>Wastewater Collections</th>
<th>Water and Gas Distribution</th>
<th>Streets &amp; Drainage</th>
<th>Water Production and Laboratories</th>
<th>Natural Gas Operations</th>
<th>Wastewater Treatment</th>
<th>Pumping Stations</th>
<th>ALL UUPI</th>
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<td>Calibration</td>
<td>Wildlife Mitigation</td>
<td>Sample Chain of Custody</td>
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<td>Career Progression Plan</td>
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Other suggestions or ideas?

Incorporate the EMS Business Model as your one key Management System.
Agenda

Introductions
Overview of ISO 14001:2015 Transition Timeline & Requirements
Transition from an Auditor Perspective
Transition from a Client Perspective

NSF-ISR Tools

Summary/Next Steps
Questions
Once these tools are available in the coming months, we will have a webinar and a notification will be posted on NSF Online.
Question to Audience

What tools would be helpful to you?
Transition Resources

NSF-ISR has developed numerous ISO 14001:2015 Transition Materials, including:

- Online Readiness Assessment
- Webinars
- Transition Guide
- Upgrade Planner & Delta Checklist
- Top Management Briefing

Resources can be found on our ISO Standards Update page, www.nsf.org/info/iso-updates.
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Summary/Next Steps

Questions
Next Steps: Plan – Do – Check – Act

**Plan**
- Look at Current expiration of certificate 14001:2004 (All expire September 14, 2018)
- Identify Other Business Needs & Obligations influence timing for EMS 14001:2015 conformance
- Develop a Scope, Schedule, Budget for Transition (PLAN)

**Do**
- Brief Top Management: 1Q2016 – 2Q2016
- Make appropriate modifications to ensure alignment to ISO 14001:2015
- Consider a Gap Analysis

**Check**
- Internal Audit to 14001:2015 - 2016
- On-site or Remote GAP Analysis – 2016

**Act**
- Re-Certification Audit – 3Q2016 – 4Q2017

Fix Unanticipated Problems to ensure conformance 1Q2018 – 2Q2018
**Goal:** To Be in Conformance with ISO 14001:2015 during regularly scheduled 2017 Audit

**Scheduling Considerations**

- Successful Implementation!
- Avoid Fiscal Year End Deadlines
- Avoid Certification Expiration (Voluntary or Non-Voluntary)
- Leverage Conversion from ISO 14001:2004 to ISO 14001:2015
- Avoid Organizations Vacation Time Period(s)
- Streamline Processes to Avoid travel costs, scheduling impacts, and other costs
In Summary

We Have Covered:

✓ What Went Well
✓ What was challenging
✓ Suggestions for organizations planning to transition to ISO 14001:2015
✓ And other suggestions

For transitioning organizations from a customer and auditor perspective.
Question to Audience

What is your biggest concern about Transition?
What additional information/tools would be beneficial to you?

Question to Audience
Question to Audience

Training preferences

- ISO 14001:2015 Tools for Transition
- Managing Change
- Environmental Leadership
- Establishing Environmental Objectives
- Measuring Environmental Outcomes
- Life Cycle Perspective
- Risk & Opportunities
- Triple Bottom Line Decision Making
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Summary/Next Steps

Questions
Contact Us

Joy Keniston-Longrie,
PE, REHS, RS, MPH
EH&S Business Unit Manager

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734.369.0518
www.nsf-isr.org