

Remediation Standards External Stakeholder Meeting

Meeting Summary for March 11, 2014, 1:00 pm in Public Hearing Room

Attendees: See attached list

T. Sugihara welcomed the audience (13 Department personnel and 23 external stakeholders) and proceeded through a slide presentation, which included an overview of the proposed process, and notable points for each pathway. The main points included the following:

1. The purpose of the remediation standard amendment effort is to generate standards as per the Brownfield and Contaminated Site Remediation Act (N.J.S.A 58:10B). As such it is about developing standards on a single contaminant basis that will (a) protect public health and safety (for carcinogens less than an excess cancer risk of one in a million and for noncarcinogens limit the Hazard Index to not exceed one), (b) address residential and nonresidential exposure scenarios, (c) use accepted methodologies, and (d) use toxicity information consistent with the Department, the USEPA, and/or the USEPA Integrated Risk Information System.
2. The purpose of the remediation standard amendment effort is not about compliance which will be addressed separately through guidance. Health based standards are the focus of this effort.
3. The purpose of the stakeholder process is to promote understanding of the remediation standard amendment effort and allow identification of issues and concerns. The Department hopes to identify areas of agreement as well as disagreement. This will be done through a series of presentations on different aspects of the effort. However, once discussion is completed for a given topic, it will be considered a closed matter.
4. The remediation standard amendment effort will generate standards for the ingestion/dermal pathway, the inhalation pathway, impact to ground water pathway (migration to ground water pathway), vapor intrusion, extractable petroleum hydrocarbons, and dioxin as well as incorporate by reference the ground water quality standards and the surface water quality standards. Hexavalent chromium was originally being considered for proposal as a standard. The determination has been made to await the outcome of the USEPA IRIS deliberations on the appropriate toxicity for hexavalent chromium
5. The current indoor air screening levels are expected to be proposed as standards to address vapor intrusion. The other screening levels will not be proposed as standards.
6. The Impact to Ground Water (Migration to Ground Water) standards will be proposed as a set of values based on the soil water partition equation and a set of values based on leachate concentrations derived from the Ground Water Quality Standards adjusted by a dilution attenuation factor.

7. The inhalation pathway will be undergoing change to reflect the USEPA Risk Assessment Guidance for Superfund Part F. Consistency with this decision will be reflected in addressing vapor intrusion as well as the other pathways (restriction of route to route extrapolation of toxicity data).

8. Mutagenicity will be incorporated into the proposed standards to be consistent with the USEPA.

A question and answer period followed the presentation and the information below was provided:

1. The list of contaminants for which standards will be proposed is initially based on the Target Compound List and the Target Analyte List to mirror the investigative approach and may be subsequently modified based on need.

2. Materials will be provided to the external stakeholders in advance of the scheduled meeting to allow preparation. These will likely include a meeting reminder, an agenda, and either topic summaries or draft presentations. Meeting summaries will also be provided.

3. While the Department is working to do so, the proposed standards have not yet been generated. As the list of potential standards and other related information reaches an appropriate stage, it will be made available to the external stakeholders.

4. Interactions with the external stakeholders, to include comments and responses, are intended to occur at the planned meetings.

5. The statute requirements are foreseen as the only topic that is not subject to discussion. Discussion of alternative exposure scenarios will be addressed during the pathway presentations.

6. The current practice of addressing certain contaminants as totals (such as polychlorinated biphenyls, chlordane, endosulfan, and xylene) is to be continued.

7. How the New Jersey Department of Health addresses the subject of vapor intrusion will be independent of this remediation standard amendment effort.

8. The Department is intending to propose standards as two significant figures to be consistent with the USEPA Regional Screening Levels.

9. The next meeting is scheduled for April 15, 2014 in the Public Hearing Room.

3/11/2014 External Stakeholder Meeting Attendees:

LSRPA

Caryn Barnes
Lisa Campe
Scott Drew
Rodger Ferguson
Laurie Gneiding
Kevin Long
Carrie McGowan
Steve Posten
Lisa Voyce

AEG

Theodoros Toskos
Niall Henshaw

Municipalities/County Planner

Joe Baladi
Linda Brennen
Jason Simmons

Environmental/EJ

Joann Held

SRIN

Steve Chranowski
Ashley Bell
Robin Austermann
Maria Kouris

CIANJ

Anthony Russo

NJBIA

Sara Bluhm

NJBA

Neil Rivers
Elizabeth George-Cheniara

NJDEP

Teruo Sugihara

Barry Frasco

Yin Zhou

Swati Toppin

Diane Groth

John Ruhl

Kevin Schick

David Barskey

Linda Cullen

Paul Sanders

David Haymes

Anne Hayton

Kathleen Kunze