

US EPA ARCHIVE DOCUMENT

## SUMMARY: STATEMENT OF BASIS

Bridgestone Americas Tire Operations, LLC  
Noblesville, Indiana

This summarizes the attached Statement of Basis for the Bridgestone Americas Tire Operations, LLC (Firestone) facility in Noblesville, Indiana. The RCRA Corrective Action process begins with an investigation and ends with a Final Decision. Just prior to selecting the final remedy, EPA provides the public with an opportunity to review the proposed remedy through the Statement of Basis and make comments during the public participation period. Your comments are a valuable component of EPA's decision making process. EPA will respond to comments received during the public participation period in a Response to Comments document and, if appropriate, will use the comments in the final remedy decision. The Statement of Basis provides the proposed remedy, while the Final Decision selects the remedy after considering public comments.

The process described above is very similar to the 2008-2009 interim measures public participation process for the residentially developed floodplain along Stony Creek. This Statement of Basis memorializes the interim measures activities which were implemented in the residential area, and provides the public with an additional opportunity to comment on those activities.

This Statement of Basis discusses the entire remedy for Firestone, including the residentially developed floodplain, the undeveloped floodplain, and Stony Creek. The Statement of Basis provides information regarding the facility background and summaries of the multiple risk assessments performed for both human health and ecological receptors. Below is a brief summary of those risk assessments:

### Summary of potential ecological risks

-Stony Creek: Dames and Moore (1994) evaluated potential risks to piscivorous birds, while ENVIRON (2010) evaluated potential risks to piscivorous mammals, benthic invertebrates and fish. All assessments indicate that the remedies instituted pursuant to two Administrative Orders on Consent (AOCs) between U.S. EPA and Firestone are protective of ecological receptors foraging within Stony Creek.

-Floodplains (undeveloped and residentially developed): Wildlife populations foraging in the Stony Creek floodplain are unlikely to be adversely affected by current concentrations of PCBs in soil or diet.

### Summary of potential human health risks

-Stony Creek: ChemRisk (1996) evaluated potential risks to human health from sediment. Predicted cancer risks and non-cancer hazards were well below levels considered unacceptable by EPA and the Indiana Department of Environmental Management (IDEM).

-Undeveloped floodplain: ENVIRON (2009a) evaluated potential risks to human health within the undeveloped floodplain based on long-term recreational exposure to surface soil.

Predicted cancer risks and non-cancer hazards were well below levels considered unacceptable by EPA and IDEM.

-Residentially developed floodplain: ENVIRON (2008a, 2009b,c,d) evaluated potential human health risks at residential properties along Stony Creek, based on long-term residential exposures to surface soil and short-term construction/excavation exposures to surface and subsurface soil. Soil concentrations at 25 of the 29 properties evaluated were below the risk-based closure levels for surface and subsurface soil, while conditions at 4 properties exceeded the surface soil risk-based closure level. Following soil excavation, backfilling, and re-vegetation, cancer risks and non-cancer hazards at all properties were well below those determined to be unacceptable by the EPA and IDEM.

Based on investigations conducted throughout the Stony Creek area and the human health and ecological risk assessments conducted, the Statement of Basis proposes the following remedies:

- Area-wide habitat enhancement with focused vegetative stabilization/cap within the undeveloped floodplain.
- Risk-based removal action with homeowner input and post-excavation monitoring of restoration activities within the residentially developed floodplain (this remedy was implemented with public participation) as an interim measure during 2008-2009.

Detailed information regarding these two remedies can be found in the Statement of Basis. EPA encourages the public to read the Statement of Basis, review the administrative record at your local library or the EPA's office (please call for hours), and submit written comments during the public comment period, July 1, 2010-July 30, 2010. Please also plan on attending EPA's public meeting on July 14, 2010 at City Hall, room A-214, from 5pm-7pm.

**Administrative Record:**

Noblesville Public Library  
1 Library Plaza  
Noblesville, IN 46060  
(317) 773-1384

EPA, Region 5  
7<sup>th</sup> floor Record Center  
77 W. Jackson Blvd.  
Chicago, IL 60604  
(312) 886-4253

**Public Comment Period:**

July 1, 2010-July 30, 2010  
Mail your comments to:  
Michelle Kaysen (LU-9J)  
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Chicago, IL 60604  
[kaysen.michelle@epa.gov](mailto:kaysen.michelle@epa.gov)

