AIT's FindIR™ Services

Pollution FindIR™

Aerial Infrared Surveys of stormwater drainage system outfalls into creeks, streams rivers and lakes.

Includes infrared imagery and maps marked with GPS coordinates for finding active leaks into water supplies.

Roof Moisture FindIR™

Aerial Infrared Surveys of flat and low-sloped roofs.

Includes visual, infrared and AutoCAD drawings of roofs indicating areas of entrained moisture damage.

Steam Leak FindIR™

Aerial Infrared Surveys of Steam Distribution Systems

Includes infrared imagery and searchable database of the steam system for finding underground system leaks.

HTHW Leak FindIR™

Aerial Infrared Surveys of HTHW Systems

Includes infrared imagery and searchable database of the HTHW (High Temperature Hot Water) system for finding underground system leaks.

Utility Hot Spot FindIR™

Aerial Infrared Surveys of High Voltage Transmission Lines

Includes GPS encoded infrared imagery of problem areas on utility high voltage transmission lines and substations.

Animal FindIR™

Aerial Infrared Surveys of animal inhabited land areas

Includes infrared imagery of Includes infrared imagery and maps marked with animal populations.

Advantages of AIT's Pollution FindIR™ method...

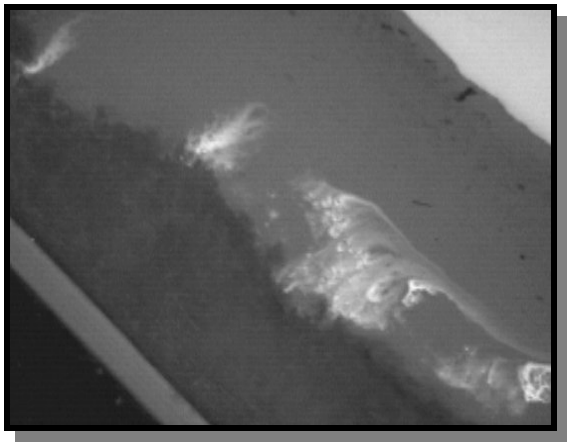
- With all system anomalies marked on a map, the system operator can prioritize areas of concern and concentrate efforts and scarce resources on problem locations first.
- The printed report and map data will allow the operator to quickly and efficiently locate and test suspect areas.
- Previously inaccessible or hard to reach areas of the system can be monitored.
- Straight down, high resolution infrared imagery provides you with accurate data.
- Fixed-wing aircraft allow AIT a cost-effective platform to obtain high quality infrared imagery, passing savings on to you!

For more information

800-AIT-SCAN

www.AITSCAN.com

Contact: Greg Stockton
greg@stocktoninfrared.com



Aerial Infrared Thermographers™

Pollution FindIR™ Service

Aerial Infrared Surveys of stormwater drainage system outfalls into creeks, streams, rivers and lakes.

800-AIT-SCAN

www.AITSCAN.com

Aerial Infrared Thermographers™
A division of
Stockton Infrared Thermographic Services, Inc.
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COMPLY AT 100 MPH!

How will *Pollution FindIR*™ help you comply?

-Stormwater collection systems leak, seep or empty into creeks, streams, rivers and lakes. Their thermal signatures vary from their surroundings and can be accurately, quickly and efficiently pinpointed from the air using ***Aerial Infrared Thermographers'*** proprietary ***Pollution FindIR***™ method.

Stormwater collection systems are engineered to discharge into surface waters to efficiently dewater selected areas. All too often these systems convey pollutants from illicit connections, degraded sanitary sewers and other sources.

Until now, locating these point sources has been a labor-intensive task, often relying on sampling data from sites that may be blocks or even miles from the actual source.

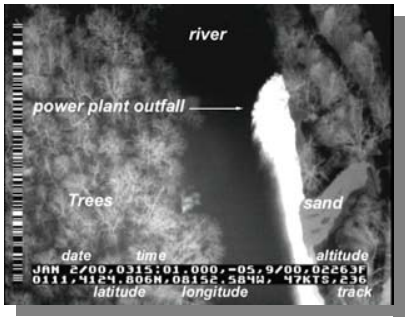
Let Aerial Infrared Thermographers' Pollution FindIR™ Service do the dirty work for you…at 100 mph!

Pollution FindIR™

Pollution contaminating the surface water and drinking water supply has been identified by the EPA as one of the most serious environmental problems facing the United States. Leaking sewage collector lines, stormwater drain discharges and illegal taps into stormwater drainage lines can often be identified by their thermal infrared signatures during certain times of the year. As these sources of pollution leak, seep or empty into creeks, streams, rivers and lakes, their thermal signatures vary from their surroundings and they can be pinpointed accurately from the air by using aerial infrared thermography.

Here's how it works...

The flow of liquid typically appears warm as compared to the surface water in a creek, stream, river or lake—particularly during cooler times of the year, due to the relative warmth of the ground a short distance below the surface.



Leaks from nearby lines often come to the surface through lateral transfer to a creek, stream, river or lake bed, or to a slope leading down to the surface of the water. These leak areas and the warm plume of liquid joining and flowing downstream with the body of water are visible in the thermal infrared spectrum due to the difference in temperatures of the two liquids. Late fall, winter and early spring are well suited to this type of inspection because of the different water temperatures (ground and surface waters) and because the interference to view by foliage is minimized. Ground water seeps and outfalls of all types are also easily distinguishable for similar reasons.