

# WATER RISK & RESILIENCE ASSESSMENT EMERGENCY RESPONSE PLAN

#### **UNWAVERING FOCUS**

For over a decade, our sincere mission has been to prepare communities for a safe and secure tomorrow. We accomplish this by delivering customized environmental, health, safety, security and emergency management solutions. Whether public safety, private industry, or military sectors, our experienced and accomplished team is working to safeguard our clients around the world. Through innovation and technological breakthroughs, ASG has implemented practical safety applications that have become the benchmark for risk reduction all across the globe.

## UNPRECEDENTED EXPERIENCE PREPARING COMMUNITIES FOR A SAFE AND SECURE TOMORROW

ASG water system experts have been conducting water risk and resilience assessments for over 20 years. Our engineers and specialists understand the intricacies of water system threats, risks, vulnerabilities and resilience.

#### ASG has conducted Water Risk and Resilience Assessments in 14 States and nine countries.

- ✓ Proven Methodology
- ✓ Customized Workshops
- ✓ Water Emergency Response Plans

- ✓ Best Management Practices
- ✓ Sanitary Surveys
- ✓ Risk & Resilience Assessments

Our highly-educated and experienced staff of professionals provides our clients with a full perspective from a wide variety of disciplines in the environmental security and emergency management sectors, such as:

MEDICAL | EMERGENCY SERVICES | FIRE | HAZARDOUS MATERIALS | PUBLIC HEALTH WATER MONITORING | MILITARY | UTILITY OPERATIONS | MAINTENANCE | ENGINEERING

#### **UNCOMPROMISING VALUES**

In addition to our focus and experience, we are unified by our core values. We invite you to experience the ASG Way - integrity, trust, respect, honor, stewardship and exceptional service. At ASG, we honor our obligations and exceed expectations.



#### **SUPERIOR PERFORMANCE DELIVERED**

ASG'S SPECIALIZED CAPABILITIES AND VALUE-ADDED SOLUTION SETS



## WATER SYSTEM SOLUTIONS FOR COMPLEX CHALLENGES

ASSESS Threats and Hazards to the Water System
PLAN to Reduce the Risks
BUILD Resilience Through Redundacy and Security
TRAIN Stakeholders to Protect the System
AUDIT Systems Through Testing, Validation, and Drills
IMPROVE Programs Through Consultation With Experts

#### **RISK AND RESILIENCE ASSESSMENT PROCESS**

## REVIEW THE SYSTEM

- ✓ Identify Natural, Technological, Man-made Threats to System
- Review System Plans and Components
- ✓ Interview Stakeholders

#### ASSESS THE SYSTEM

- ✓ Survey the System
- Assess Threats, Hazards and Risks
- Analyze Vulnerabilities and Risk Control Measures

### DELIVER SOLUTIONS

- ✓ Deliver Management Action and Contingency Response Plans
- Train Stakeholders
- Exercise Plans and Systems

#### IMPROVE WATER SYSTEM SAFETY AND SECURITY

- ✓ Protect the System
- Enhance Consumer Health
- Ensure Continuity of Operations, Reliability and Resiliency

#### **RISK AND RESILIENCE ASSESSMENT WORKSHOP CURRICULUM**

The ASG Risk and Resilience Assessment Workshop provides water system owners and operators all of the ASG Best Management Practices (BMP) and lessons learned in a customized, hands-on workshop. The workshop walks participants through the Risk and Resilience Assessment process, educates participants on the methodology, provides the ASG Toolkit and enables participants to complete the Risk and Resilience Assessment with confidence through the guidance of ASG experts.

- ✓ Customized Checklists Containing BMPs
- ✓ ASG Toolkit: Calculators, Templates and Guidance
- ✓ Interview Checklists

- ✓ Physical Assessment Checklists
- ✓ Risk Assessment Model
- ✓ Training Presentation





ALLIANCE SOLUTIONS GROUP Newport News, VA (USA) Dubai, UAE Abu Dhabi, UAE ASG delivers customized environmental, health, safety, security and emergency management solutions worldwide for the public safety, private industry and military sectors. In addition to our customer focus and experience, we are unified by our core values. We invite you to experience the ASG Advantage – integrity, trust, respect, stewardship and exceptional service. At ASG, we honor our obligations and exceed expectations.



To learn more, visit **ASG-INC.ORG** or call +1.757,223,7233 or +971,52.805,2282