

For Immediate Release:

Orange County Sanitation Department selects New Dimension Solutions™ for Reliability-Centered Maintenance (RCM2) Services

New York, NY, April 1, 2004— Orange County Sanitation Department in California recently announced the selection of New Dimension Solutions Inc. (NDS) www.nd-solutions.com, to provide RCM2 training and mentoring services for OCSD. NDS is a market leader in implementing best practice solutions for Enterprise Asset Management and Reliability for asset-intensive organizations. The NDS Reliability team offers a full array of Project Management, Training and Facilitation services for the RCM2 methodology.

“NDS has a unique strength and focus in the Water and Waste Water industry, said Chris Fynn, President and CEO of New Dimension Solutions”, and we are well suited to facilitate a very valuable RCM initiative for OCSD”. Fynn went on to say, “The Water industry is placing more focus on Asset Management and NDS now has an extensive track record of success with organizations in this industry both large and small.

NDS has worked with numerous utilities and organizations in the water/waste water industry. These projects include the award-winning Facilities Asset Management Program at the MWRA (www.nd-solutions.com/pdf/MWRA.pdf) and current RCM2 work with US Filter, Indianapolis Water, Denver Water and Bergen County. NDS is also conducting a major project on RCM for AWWARF on “Applicability of RCM in the Water Industry. Our RCM2 and EAM specialists have deep, real-world expertise in the Water industry.

Many water utilities are seeking to improve reliability, availability and utilization of their assets while also looking to control or reduce maintenance costs as they grapple with issues such as aging assets, more stringent environmental rules and tight budgets. RCM provides part of the solution, by optimizing maintenance effectiveness (***the right job at the right time***).

RCM is a process for deriving the optimal maintenance program for physical assets according to their current user requirements. RCM evolved from the aviation industry over thirty years ago in response to more technically complex systems, increasing maintenance costs and increasing downtime. The results of applying RCM in air transport have been a dramatic increase in safety, decreasing maintenance costs/flying hour and far higher equipment reliability and availability.

The RCM2 Methodology was developed and industrialized by Aladon™ from the original RCM work in the air transport industry. It is a tried-and-tested, team-based approach to Reliability Centered Maintenance (RCM). Correct application of RCM2 leads to significant improvements in maintenance effectiveness and asset performance. It does so in the following ways:

- RCM2 considers the consequences of each failure event in conjunction with its technical characteristics. In doing so,

1. It integrates a review of operational failure consequences with the evaluation of safety and environmental hazards. This brings safety and the environment into the mainstream of maintenance decision-making
 2. It continually focuses attention on the maintenance activities that have most effect on the performance of asset systems. This means that every dollar spent on maintenance is spent where it will do the most good.
- RCM2 provides rules for selecting which failure management policy is most suitable in each situation. By doing so, it helps to ensure that the most effective forms of maintenance are chosen for each asset system, and avoids the constraints and distortions that follow the adoption of generic maintenance policies
 - If RCM2 is correctly applied to assets maintained according to existing maintenance programs, it frequently reduces the amount of fixed-interval maintenance work (30-40% is not unusual). On the other hand, if RCM2 is used to develop maintenance programs for new assets, the fixed-interval workload that results is optimized and is typically significantly lower than it would be if the program were developed by traditional methods. In both cases this enables maintenance resources to be used more effectively and asset downtime to be minimized

The RCM2 approach is based around knowledge transfer and creating a sustainable reliability culture within the organization. RCM2 can be implemented by your own staff (after suitable training), which reduces the need for expensive consulting time. The RCM2 process includes asset "maintainers" and "operators", along with specialist knowledge into the decision-making process, which means that all stakeholders are more inclined to work together and the results are more likely to endure. For more information on RCM2, please visit our website at www.nd-solutions.com.

About New Dimension Solutions

NDS is a world leader in the full spectrum of services to manage enterprise assets through their life-cycle. This includes Asset Life-cycle Management; Reliability Centered Maintenance (RCM2); Enterprise Asset Management systems implementation/optimization; Service Management; GIS Implementation/ Integration; Inspection and Condition Monitoring; Management of Predictive Technologies; Mobile Solutions; MRO Materials Management, KPI and EAM Metrics design and implementation, EAM Portals and more.

NDS is an Aladon licensee, part of a world-wide network which has applied RCM2 at more than 2000 sites in 44 countries. Over 60,000 people have attended RCM2 training.

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